SHYLESH. B. C.

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"Shreeshyla Nivasa"
Thalathmane Post,
Katakeri Village,
Madikeri. Pin - 571201.

Career Objective

To work in an organization, which utilizes my experience & skills for its growth, while giving me opportunities to learn, educate and enrich my knowledge.

Academic Credentials

- **Master of Technology (M.Tech.)** in Information Technology from Karnataka State Open University (KSOU), Mysore, with 75.75% First Class with Distinction, 2011-2013.
- **Master of Computer Applications (MCA)** from KVG College of Engineering, Sullia (VTU) with 75.87%, First Class with Distinction, 2004-2007.
- **Bachelor of Science (B.Sc.)** in Physics, Mathematics and Computer Science from Field Marshal K M Cariappa College, Madikeri (Mangalore University) with 54.80%, Second Class, 2000-2003.
- **12th CBSE** from Jawahar Navodaya Vidhyalaya, Kodagu with 60.80%, First Class, 1998-2000.
- **10th CBSE** from Jawahar Navodaya Vidhyalaya, Kodagu with 66.00%, First Class, in 1998.

Experience Summary

Currently working as **Assistant Professor** in the Department of MCA at Vivekananda College of Engineering & Technology, Puttur from Oct 2021.

- Worked as **Assistant Professor & Head** in the Department of Computer Science at Dr. B. B. Hegde First Grade College, Kundapura from Aug 2020 to Sep 2021.
- Worked as **Assistant Professor** in Department of Computer Science and Engineering at Moodlakatte Institute of Technology, Kundapura from Sep 2013 to Aug 2020.
- Worked as a faculty in the Department of MCA at KVG College of Engineering, Sullia, DK, being designated as **Lecturer** from Mar 2008 to Feb 2012 and as **Assistant Professor** from Mar 2012 to Dec 2012.
- Worked as a **Software Engineer** in ZeneZ Infotech Pvt. Ltd., Bangalore from July 2007 to Feb 2008.
- Worked as a **Project Engineer** for Sub-Registrar Office of Mangalore & Kodagu District at ECIL Madikeri from April 2003 to July 2004.

Memberships

- Life Member of Indian Society for Technical Education (ISTE) since 2008.
- Life Member of International Association of Engineers (IAENG) since 2020.
- Senior member of International Economics Development and Research Center since 2021.
- Professional Member of Institute for Engineering Research & Publication (IFERP) since 2019
- Invited as subject expert for BOS meeting, Department of Post-Graduate Studies & Research in Electronics, Mangalore University.

Certification & Industry Interaction

- **Certified Cyber Security Intervention Officer (CCIO)** from ISAC
- **IBM** Certified Academic Associate - DB2 9 Database and Application Fundamentals.
- **IBM** Certified Associate Developer - RAD for WebSphere Software V6.0
- **IBM** Certified Solution Designer - Rational Functional Tester for Java.
- Active Member of **Infosys Campus Connect** Programme.
- Active Participant of **Wipro Mission 10X** Programme.

Additional Responsibilities

- Currently maintaining the Institute Website, E-Learning Portal, Webmail (G-Suite of MITK).
- Program coordinator of Innovation & Development Cell (IDC) of the college at MITK.
- Awarded certificate of coordination in making "Braintech-17 Network & Cyber Security Championship" organized at MIT, Kundapura during 20th & 21st October 2016 Conducted by Azure Skynet Solutions in association with ELAN - IIT Hyderabad.
- Organized three days National workshop on "Internet of Things (IoT)" held in the Department of Electronics, Mangalore University, in association with IBM India and Nihon Communication Solutions from 16th to 18th of April 2018 as Organizing Member.
- Worked as Technical Organizing Member for 6th International Conference on "Chip, Circuitry, Current, Coding, Combustion & Composites (i7C-2018)" held at Sri Sairam College of Engineering, Bangalore in association with Institute For Engineering Research and Publication (IFERP) on 28th & 29th November 2018.
- Worked as Advisory Committee Member for 1st International Conference on "Emerging Trends in Engineering, Science and Management (ICETESM-2019)" held at Rao Bahadur Y Mahabaleswarappa Engineering College (RYMEC), Ballari in association with Institute For Engineering Research and Publication (IFERP) on 04th & 05th April 2019.
- Worked as a National Advisory Committee Member for International Conference on "Advancing Knowledge from Multidisciplinary Perspectives in Engineering & Technology (ICAKMPET-19)" held at Ambica Sea Green Hotel, Visakhapatnam on 05th & 06th April 2019 and for 7th International Conference on "Applied Science Engineering and Technology (ICASET-19)" held at Sri Sairam College of Engineering, Bangalore on 02nd & 03rd May 2019 organized by Institute For Engineering Research and Publication (IFERP)
- Organized Six days Train the Trainer (T3) workshop on "Data Analytics" held in Mangalore University Incubation Centre (MUIC), Mangalore University, organized by IBM India Pvt. Ltd. In partnership with Nihon Communication Solutions from 22nd to 27th of July 2019 as Organizing Member.

Extension Activities

- Delivered a Technical Talk on **"Cyber Security & Ethical Hacking"** at Vivekananda Degree College, Puttur on 10th Jan 2022.
- Contributed as a Resource Person for the webinar on **"Blockchain Technology & its Applications"** at Presidency University, Bengaluru on 24th July 2021.
- Conducted two Days Hands-on Workshop on **"Introduction to Python Programming & IoT"** at Divekar BCA College, Karwar on 19th and 20th February 2020.
- Conducted two Days Faculty Development Programme on **"Python Programming for Data Science & IoT"** at Seshadripuram College, Tumakuru on 2nd and 3rd January 2020.
- Conducted two Days Hands-on Workshop on **"Android Application Development"** at Divekar BCA College, Karwar on 28th and 29th January 2019.
- Delivered a guest lecture on **"Python Control Statements & Data Structures"** at Mother Teresa Women's University, Kodaikanal on 24th Sept 2018.
- Delivered a technical talk on **"Recent Trends in Python Programming & its Future in IT Industry"** at NMAM Institute of Technology, Nitte on 8th Aug 2018.
- Conducted workshops on **"Google for Education - (G Suite)"** for the benefit of Staffs and Students of the college at MIT, Kundapura.
- Delivered a technical talk on **"Cloud Computing"** at Bhuvanendra College, Karkala
- Conducted workshops on Matlab, Raptor tool, Raspberry Pi, GNU/Linux for the benefit of Students & Staffs of the college on various occasions at KVGCE, Sullia. Delivered technical talks on the topics like Website Design and Launching, Project Reporting and Documentation, Virtualization, GNU/Linux Installation & Usage, Cloud Computing at KVG College of Engineering, Sullia.
- Delivered a talk on **"Personality Development"** at Kukke Subrahmanyeshwara Degree College, Subrahmanya.

Papers Published

- Published a paper in the International Journal on Computer Engineering and Information Technology, Vol- 1, No. 1, Nov 2008- Jan 2009, ISSN 0974-2034 with title **"Single Scan Partition Algorithm with Ladder Merging for Web Mining"**

- Published a paper in the International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue 2, page no.514-518, February-2019, with the title **"An effective system to automate the conservation of water in irrigation using Internet of Things",**

Papers Presented

- Presented a paper titled **"Skeleton graph based classification of human behavior detection in video streams"** in 1st International Conference on "Emerging Trends in Engineering, Science and Management (ICETESM-2019)" held at Rao Bahadur Y Mahabaleswarappa Engineering College (RYMEC), Ballari on 04th & 05th April 2019.

- Presented a paper titled **"Transfer or Perish: Need for digitization in higher education to improve the IT Skills"** in the International Conference on "Going Global in Higher Education (GGHE-2K19)" held at Govt. Arts & Science College (Autonomous) Karwar on Feb 28th & 01st March 2019.

- Presented a paper titled **"An effective system to automate the conservation of water in irrigation using Internet of Things"** in 6th International Conference on 'Chip, Circuitry, Current, Coding, Combustion & Composites (i7C-2018)' held at Sri Sairam College of Engineering, Bangalore on 28th & 29th November 2018.

- Presented a paper on **"Single Scan Partition Algorithm with Ladder Merging for Web Mining"** in National Level Conference on 'Research Challenges in Computation and Information Technology (RCCIT'09)' held at Sona College of Technology, Salem, Tamilnadu on 20th March 2009.

- Presented a paper on **"Graph Based Energy Minimization For Video Shot Boundary Detection"** in National Level Conference on Recent Trends in Computational Sciences and Engineering (NCRTCSE 2011) held at KVG College of Engineering, Sullia, on 12th February 2011.

- Presented a paper on **"An Efficient Reduced Pattern for Website Design with Three Page Layout"** in National Level Conference on Recent Trends in Computational Sciences and Engineering (NCRTCSE 2011) held at KVG College of Engineering, Sullia, on 12th February 2011.

Extra curricular Activities

- Obtained National Cadet Corps (**NCC**) "A" Certificate (Junior Division) during 1997 with A Grade.
- Obtained National Cadet Corps (**NCC**) "B" Certificate (Senior Division) during 2002 with A Grade.
- Obtained National Cadet Corps (**NCC**) "C" Certificate (Senior Division) during 2003 with B Grade.
- Attended various National integration Camp, Training Camps, Trucking camps in Goa, Andrapradesh & Karnataka.

Academic Projects

PROJECT TITLE   **BRISK (B**anking **R**eg**I**stration **S**oftware **K**ey**)**

Technologies	3-Tier Architecture, Multilingual, C# and MS SQL Server
Company	ZeneZ Infotech, Bangalore.
Client	SCCFSC Bank.
Duration	Feb 2007 – July 2007

Responsibilities

Requirement Analysis, SRS Preparation, Coding, Database Design, UI Design.

PROJECT TITLE	**KAVERI (K**urunji **A**yur**V**eda **E-R**eg**I**stration**)**
Technologies	VB 6.0, Oracle 9i,
Client	KVG Ayurveda College & Hospital
Duration	Aug 2006 – Jan 2007

Responsibilities

Requirement Analysis, SRS Preparation, Coding, Database Design, UI Design, Testing, Implementation and Maintenance

PROJECT TITLE	**Print Mgr**
Technologies	Java 1.4.2
Duration	Mar 2006 – Jul 2006

Responsibilities

Coding, UI Design.

Subject Expertise

Subjects Handled

- Python Application Programming
- Big Data Analytics
- Automata Theory And Computability
- Java and J2EE
- Operating Systems
- Web 2.0 & Rich Internet Applications
- Computer Networks
- Operations Research
- Introduction to Unix
- Software Practice & Testing

- Discrete Mathematical Structures
- Cloud Computing & Its Applications
- Database Management Systems
- Data Structures using C
- Web Programming
- Computer Concepts & C Programming
- Object Oriented Modeling and Design Patterns
- Unix & Shell Programming
- Management Information Systems

Workshop / STTP Attended

- Participated in 3-days National Workshop on **"Smart City, IoT – Based Technology"** held at Mangalore University, Mangalagangothri organized in association with Department of Science & Technology, Government of India from 11th to 13th of December 2019.

- Participated Six days Train the Trainer workshop on **"Data Analytics"** held in the Mangalore University Incubation Centre (MUIC), Mangalore University, organized by IBM India Pvt. Ltd. In partnership with Nihon Communication Solutions from 22nd to 27th of July 2019.

- Participated in 3-days faculty development programme on **"Deep Learning & Machine Learning using Matlab"** held at SJEC, Mangalore on 10th & 12th of July 2019.

- Participated in 2-days faculty development program on **"Introduction to Python Programming"** conducted by ICT Acedemy held at NMAMIT, Nitte on 26th & 27th of Dec 2018.

- Participated in the 2-day faculty development program on **Internet of Things (IoT)** at RV College of Engineering, Bengaluru in association with CISCO on 7th & 8th Sep 2018.

- Attended a three days workshop on **"Artificial Intelligence & Deep Learning"** held at KLE Technological University hubballi from 11th to 13th Aug 2018 conducted by leadingIndia.ai, a national wide initiative by Bennett University, Greater Naida, India.

- Attended a one day workshop on **"Web Development & Applications"** held at Sridevi Institute of Technology, Kenjaru on 30th of July 2018.

- Attended AICTE-ISTE Induction/Refresher Programme on **"Data Science and Classification practicing with Python & Matlab"** at JNNCE, Shivamogga from 16th July to 21st July 2018.
- Attended the three day National workshop on **"Internet of Things (IoT)"** held in the Department of Electronics, Mangalore University, in association with IBM India and Nihon Communication Solutions from 16th to 18th of April 2018.
- Participated in two days awareness workshop on **"Free & Open Source Software (FOSS)"** held at Shri Dharmasthala Manjunatheshwara Institute of Technology, Ujire on 12th & 13th of March 2018.
- Participated in VGST sponsored 6 days Faculty Development Program on **"Emerging Trends in Knowledge Discovery & Data Analytics"** held at Adichunchanagiri Institute of Technology, Chikkamagalore during 16th to 21st of January 2018.
- Participated in Five days Faculty Development Programme on **"Firewall, Installation, Configuration & Management"** in association with ITC Academy & Palo alto Networks at Alwa's Institute of Engineering & Technology, Moodabidri during 8th to 12th January 2018.
- Participated in the industrial tour arranged at Manipal University Technology Business Incubator **(MUTBI)** Manipal on 23rd December 2017 as a part of 5 days FDP on "Real Time Software Engineering & Project Management" at NMAMIT, Nitte
- Participated in Five Days FDP on **"Real Time Software Engineering & Project Management"** at NMAMIT, Nitte from 18th to 22nd December 2017.
- Participated in one day Technical Seminar on **Embedded Software Safety and Security** on 14th November 2017 at Ocean Perl, Mangalore organized by LDRA as a part of LDRA Academic Alliance Program (LAAP).
- Participated in state level Student Symposium on **"Industrial Internet of Things (IIOT-2K17)"** held on 10th November 2017 at Shri Madhwa Vadiraja Institute of Technology & Management, Bantakal.
- Participated in the Faculty Development Program on **"Data Analytics with R"** at NMAMIT, Nitte on 15th November 2016
- Participated in two days' Faculty Development Program on **"Teaching Methodology"** at MIT, Kundapura during 28th and 29th January 2016
- Participated in two days' workshop on **"Cloud Computing"** at MIT Kundapura during 11th & 12th September 2015 organized by IFC3 India & Neuromancers IIT Bhubaneshwar.
- Attended five days Workshop on **"Big Data Analytics"** at SJB Institute of Technology, Bangalore from 27th and 31st Jan 2014.
- Attended two days Workshop on **"Recent Advances in Machine Learning"** at Sri Jayachamarajendra College of Engineering, Mysore from 15th and 16th May 2013.
- Participated in the Faculty Enablement Program **"Technology Train the Trainer"** by Infosys Campus Connect held at Srinivas College of Technology, Mangalore from 23rd to 25th January 2012.
- Participated in the Faculty Empowerment Programme **"Advanced Mission 10X Workshop"** by Wipro held at KVG College of Engineering, Sullia on 25th and 26th March 2011.
- Participated in the Faculty Development Programme on **"VB.Net and ASP.Net"** held at Srinivas Institute of Technology, Mangalore on on 25th to 26th February 2011.
- Participated in the Faculty Development Programme on **"Cloud Computing and Virtualization"** held at Dayananda Sagar College of Engineering, Bangalore from 10th to 12th January 2011.
- Participated in the Faculty Empowerment Programme **"Mission 10X"** by Wipro held at KVG College of Engineering, Sullia from 20th to 24th December 2010.
- Attended two days Workshop on **"Data Mining (WDM-10)"** at Reva Institute of Technology and Management, Bangalore on 30th and 31st July 2010.
- Attended two days Workshop on **"Web 2.0 & Rich Internet Applications"** at R N Shetty Institute of Technology, Bangalore on 27th and 28th July 2010.
- Participated in the **Faculty Enablement Program** by Infosys Campus Connect held at NMAM Institute of Technology, Nitte from 18th to 22nd January 2010.

- Participated in the National Conference on **"Recent Trends in Advanced Materials – RTAM 2009"** on 18th December 2009 at KVG College of Engineering, Sullia.
- Participated in the "**Opportunities for sponsored Research and Collaboration with IT Industries"** seminar organized by BITES on 11th December 2009 at KVG College of Engineering, Sullia.
- Attended two days Workshop on **"Java/J2EE and Web Programming"** at R N Shetty Institute of Technology, Bangalore on 2nd and 3rd February 2009.
- Actively participated in the **Faculty Development Program** conducted at KVGCE, Sullia from 12th to 23rd January 2009.
- Attended a two days **"International Conference on Open Source Computing"** – INCOSC-08 on 12th and 13th December 2008 at NMAMIT, Nitte, Karkala.
- Attended one day National Level Workshop on **"Storage Virtualization"** held at Srinivas Institute of Technology, Mangalore on 10th November 2008.

Other Projects Carried out

- **Eadyn Solutions** - Designed with Wordpress theme, Stike Blocks and few plugins. Has features to demonstrate their products and components. Designed for the company Eadyn Solutions, a IT Service & Staffing company based in Bangalore.
- **KREC 1995 Batch** - Designed with Wordpress theme and few plugins. It uses payments and its registrations through the portal. Has features to register, add memories and also payments. Designed for the reunion of KREC 1995 Batch alumni for celebrating Silver Jubilee Reunion.
- **Bio-Trendz Foodwares -** Designed with Wordpress theme, Blocks and few plugins. Has features to demonstrate their products and components. Designed for company Bio-Trendz Foodwares, a bio product manufacturing & marketing company based in Sullia, DK, Karnataka.
- **ZigZag Patterns –** Designed with Wordpress theme and Elegant Blocks, which uses blocks as posts. With request form for jobs and contacts. Designed for the company ZigZag Patterns, an Apparel company based in Bangalore.
- **Saavishkar** - Designed with Wordpress theme and few plugins. It uses events and its registrations through the portal. Designed for the inter-collegiate techno management cultural fest organized by MIT, Kundapura.
- **MITK News Blog -** Designed with Wordpress theme and advanced plugins which are needed to deliver news and events. Designed for MIT, Kundapura.
- **Working Town Co-works –** Designed with Wordpress theme and advanced plugins. Designed for Working Town Co-Works Company, who is a dynamic workspace provider based in Bangalore.
- **Bodhati –** Designed with Wordpress theme and advanced plugins. It also had Events Managements, which has to be carried out dynamically to fetch registration and other details for each events on different categories of the service. Designed for Bodhati Ventures Pvt. Ltd., which is a startup, who provide innovative learning and development solutions, which covers multiple domains and industries.
- **Arhathi foundation –** Completely designed with Wordpress theme and few plugins which are needed for form creation and usage, e-mailing reports. It also uses Paypal integration for donation. Designed for the an NGO – Arhathi Foundation, Bangalore.
- **MNBS Trust -** Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for Moodlakatte Nagarathna Bhujanga Shetty Trust (R), Moodlakatte, Kundapura.
- **MIT Kundapura Website -** Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for Moodlakatte Institute of Technology, Kundapura.
- **STS Website** - Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for the MIT Science Talent Search - 2017 Event at MIT, Kundapura.

- **Technomine Website** - Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for the Department of CSE Event at MIT, Kundapura.
- **Kumar Chandrasekhar Website** - Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for the Client Kumar Chandrasekhar,Music Director, Mangalore.
- **Kadri Park Band Website** - Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for the Client Kadri Park Band, Mangalore.
- **Sri Harivayu Website** - Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for the Client Sri Harivayu Maintenance and Services Private Limited, Bangalore.
- **Eadyns Website** - Languages used are HTML, Java Script, CSS, Bootstrap, JQuery, Php for the Client Eadyn Software Private Ltd, Bangalore.
- **PwrMgr - Power Manager** - Technologies used are, Front End with VB 6.0, Database Server using MS SQL Server, Reporting Tool used is Crystal Report for the Client KVG High Tension Power House, Sullia.
- **DentCare - Dental Care** - Technologies used are, Front End with VB 6.0, Database Server using MS SQL Server, Reporting Tool used is Crystal Report for the Client KVG Dental College & Hospital, Sullia.
- **MotoTool Motor Documentation Tool** - Technologies used are, Front End with VB 6.0, Database Server using MS SQL Server, Reporting Tool used is Crystal Report for the Client KVG Motor Driving School, Sullia.
- **NMC Website** - Languages used are HTML, Java Script, CSS, Swish for the Client Nehru Memorial College, Sullia.
- **KVGDC Website** - Languages used are PHP, Javascript, CSS for the Client KVG Dental College & Hospital, Sullia.
- **KVGCE Website** - Languages used are PHP, Java Script, CSS, MySQL, AJAX for the Client KVG College of Engineering, Sullia.
- **KVGIPS Website** - Languages used are ASP, Javascript, CSS for the Client KVG International Public School (CBSE), Sullia.
- **KVGEMHS Website** - Languages used are ASP, Javascript, CSS for the Client KVG English Medium High School, Sullia.
- **SaiSchool - School Management Software** - Languages used are Front End with VB 6.0, Database Server using MS SQL Server, Reporting Tool used is Crystal Report in ZeneZ Infotech Pvt. Ltd. Bangalore.
- **ZenBanking - ZeneZ Banking Software** - Languages used are Front End with VB 6.0, Database Server using MS SQL Server, Reporting Tool used is Crystal Report in ZeneZ Infotech Pvt. Ltd. Bangalore.

Major Student Projects Guided

- **IrriServe –** This is an Agricultural information project which is executed with the help of the embedded circuit boards including Arduino, NodeMCU, Raspberry Pi, Cloud Storage, Many embedded boards and sensors connected to real power. This allows to control all the appliances of a agricultural land through phone. Which had an access through internet and control can be done with screen clicks, Voice and also Text from anywhere. This is used to serve the irrigation and water conservation in agricultural lands through a robot.

- **MyHome –** This is a Home Automation project which is executed with the help of the latest technologies which includes Raspberry Pi, Cloud, Voice Recognition, Bot Chats, Many embedded boards and sensors connected to real power. This allows to control all the appliances of a house through phone. Which had an access through internet and control can be done with screen clicks, Voice and also Text.

- **AgroFarm** - Connecting Farmer's – An E-Commerce website which allows any local former's to register and sell their products independently without the involvement of brokers.

Software Skills

Big Data & Data Science	Hadoop, Python, Map-Reduce, RapidMiner, Weka, R, Tableau
IoT & Embedded Tools	Arduino, Node-MCU, Raspberry Pi along with all the basic sensors.
Operating systems worked	Ubuntu, Linux Mint, BOSS, OpenSuse, Fedora, CentOS, DOS, Windows, UNIX and Major GNU/LINUX Flavors.
Application Developer & Frame works	Wordpress, Bootstrap, Anaconda Navigator, Dot Net, Flex, J2EE, Visual Basic (Version 6.0).
Programming Languages	QBASIC, C, C++, Java, FoxPro, COBOL, HTML, XML, AJAX, JSON, R, Python.
Database	MariaDB, MySQL, MS SQL Server, ORACLE, MS Access, DB2.
Scripting Language	ASP, VB Script, Java Script, Perl, PHP, R, Python.
Other Software's & Tools Used	Rstudio, Jupyter, Spyder, Flash, Swish, Photoshop, IBM RSA, Matlab, Weka, StarUML, UML Studio, VMWare, Virtual Box.
Domain knowledge	Medical, Education & Banking.
Exposure	All Phases of Software Development Life Cycle.

Personal Information

Date of Birth	:	11-03-1983
Father's Name	:	Chandresh H A
Mother's Name	:	Pushpa B K
Languages Known	:	English, Hindi and Kannada
Gender	:	Male
Marital Status	:	Married

Declaration

I declare that the details mentioned above are true and correct to best of my knowledge and belief.

Shylesh B C