

# SHUBNEET

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## EDUCATION

<b>B.E CSE with specialization in AI/ML</b> , Chandigarh University (2027 PO)	7.7/10 CGPA
<b>Class XII</b> , Government Senior Secondary School (2023)	90.2%
<b>Class X</b> , BBMB DAV Public School (2021)	75.0%

## TECHNICAL SKILLS

### Languages :

- Python, R, SQL.

### Skills :

- Data Analysis, Data Cleaning & Preprocessing, Exploratory Data Analysis (EDA), MySQL
- Data Visualization: Matplotlib, Seaborn, Power BI
- Machine Learning: Scikit-Learn, TensorFlow
- NLP: Spacy, NLTK, BERT

### Frameworks and Tools :

- Pandas, NumPy, Streamlit, Power BI, Excel
- Docker, Jupyter Notebooks, Google Colab

## EXPERIENCE

### Research and Analysis Intern – Kraf Technologies APR 2024

- Led market research and competitor analysis to shape pricing and positioning strategies.
- Designed product policies and recommended 5+ high-impact feature additions.
- Created strategic insights that influenced business planning and decision-making.

## PROJECTS

### • Earthquake Risk and Magnitude Prediction Model APR 2025

- Developed earthquake prediction platform using USGS API, achieving 95% model accuracy (Random Forest & Gradient Boosting).
- Implemented region-based risk assessment with DBSCAN clustering and early warning system.
- Created interactive dashboard with Streamlit and Folium, improving user engagement by 40%.

### • Labour Force Analysis Dashboard MAR 2025

- Developed Labour Force Analysis Dashboard in Power BI to visualize employment trends, gender gaps, and immigrant workforce data.
- Analyzed employment sectors, unemployment gaps, and demographic data to identify actionable insights.
- Implemented dynamic filtering for key demographics, improving data exploration efficiency by 55%.

## ACHIEVEMENTS

- Winner of Data Sense 2025, organized by CUSB at Chandigarh University.
- Published 20+ research papers in Springer Series indexed by Scopus.
- Published 18 chapters in *IIP Book Series*.
- Published 6 journal papers.
- Filed one patent (Application Number: 452568-001).

## CERTIFICATIONS

- Google Data Analytics
- Python For Everybody
- The Structured Query Language (SQL)
- Microsoft AI & ML Engineering