

MOHAMMED RAAZI

Bangalore, India | amraazi088@gmail.com | +91 8310521470

LinkedIn Profile | GitHub Profile

Aspiring Data Analyst | Python | SQL | Machine Learning | Data Visualization | AI Development

Professional Summary

Aspiring Data Analyst with a strong foundation in Python, SQL, Machine Learning, and AI-based applications. Experienced in delivering academic projects involving data analysis, AI tools, and accessibility solutions. Proficient in developing web apps, implementing data visualization dashboards, and applying NLP techniques for AI-driven insights. Focused on healthcare and accessibility analytics with hands-on experience in FastAPI, Streamlit, and React. Enthusiastic about contributing to impactful, data-driven projects.

Education

Don Bosco Institute Of Technology, Bangalore

2022 – 2026

B.E. in Artificial Intelligence & Data Science

CGPA: 7.5/10

Technical Skills

Programming: Python, SQL, Java, C

Frameworks/Technologies: FastAPI, Streamlit, React.js, AI APIs, OCR, NLP, MongoDB, Vercel, Git

Data Analysis & Visualization: Pandas, NumPy, Power BI, Tableau, MS Excel

Web: HTML, CSS

Soft Skills: Teamwork, Time Management, Adaptability, Self-learning

Relevant Coursework

Data Structures and Algorithms, Database Management Systems, Artificial Intelligence, Machine Learning, Data Analytics, Data Visualization, Computer Vision, Natural Language Processing, Web Technologies

Projects

Edu-Genie Lab: AI-Powered Learning Assistant

[Live Link]

- Developed an AI-driven learning platform offering personalized educational content, study planners, and multilingual support.
- Integrated AI-powered chatbot for real-time query handling and dynamic resource recommendations.
- Deployed with FastAPI backend, React frontend, and Vercel hosting for scalable performance.
- **Tech Stack:** FastAPI, React.js, Python, MongoDB, Vercel, AI APIs

STEMSense: Assistive Learning Platform

- Created a FastAPI-based OCR and text-to-speech pipeline improving accessibility for visually impaired users.
- Deployed a fully accessible web app achieving 97% accessibility compliance.
- Enhanced engagement by 20% through refined haptic feedback features.
- **Tech Stack:** FastAPI, Python, OCR, Accessibility APIs

Vulnerability Detection in Codebases Using AI

- Developed a Streamlit-based AI web app for detecting Python code vulnerabilities, improving code security by 30%.
- Utilized NLP transformers for scalable analysis of large codebases.
- **Tech Stack:** Python, Machine Learning, Streamlit, NLP

Certifications

Coursera:

- Python for Data Science, AI & Development | IBM
- Database and SQL for Data Science with Python | IBM
- Foundations: Data, Data, Everywhere | Google