Fareen Ahmed

📞+91 78927 42502   ✉️ fareenahmed08@gmail.com   🔗 linkedin.com/in/fareen-ahmed   🐙 github.com/Fareenahmed6

PROFESSIONAL SUMMARY

Aspiring Associate System Engineer skilled in **Python, SQL, and Cloud (AWS, Azure).** Hands-on experience in **AI, Data Science, Web Development, and Networking** through academic projects and internships. Strong problem-solving abilities with exposure to **system simulation and cloud deployment using AWS and Docker**, eager to contribute to scalable and reliable solutions in a dynamic tech environment.

EDUCATION

Maharaja Institute Of Technology Thandavapura, Mysore	**BE, AI&DS**
Cgpa: 8.54	2022 - Present
Citizen's P U College, Nanjangud, Mysore	**12th, PCMC**
76.17%.	2021 - 2022
Citizen Public School, Nanjangud, Mysore	**10th**
72.2%	2019 - 2020

EXPERIENCE

Machine Learning Engineering Intern | Quantum learnings   Jun 2024 - Sep 2024

- Completed internship at Quantum Learnings, gaining hands-on experience in **machine learning** through guided training and project implementation.
- Worked on key projects — **Movie Recommendation System, Mobile Price Prediction, and Taxi Fare Prediction (achieving ~87–92% accuracy)** with deployment using **Streamlit**, while enhancing teamwork, communication, and industry exposure.

Intern | Corizo Edutech Pvt. Ltd.   Jun 2025 - Sep 2025

- Completed multi-domain internship training in **Web Development, Data Science, Data Structures & Algorithms, Digital Marketing, and Cybersecurity**, gaining cross-functional technical expertise.
- **Web Development & DSA:** Built projects such as **E-commerce Platform, Library Management System, and Inventory Management System**, integrating **CRUD** operations with **optimized DSA**-based solutions.
- **Data Science:** Conducted **EDA** and trained **ML models** on datasets like **Semiconductor Manufacturing Process and Body Mass Index**, strengthening skills in **Python, Pandas, NumPy, and Scikit-learn.**
- **Cybersecurity:** Gained hands-on experience by setting up **virtual machines using ColdBox and Linux.Participated in the OpenBugBounty** Challenge, enhancing security awareness and practical skills.

Web Developer | ArkNish Invent   Aug 2025 - Present

- Developed scalable **frontend solutions using React** and managed **backend operations with MongoDB**, improving application performance and user experience.
- Gained hands-on experience in **full-stack development, AWS cloud services, and Docker containerization** for deployment and scalability.
- Contributed to feature enhancements that **reduced response time by ~20%** and improved system reliability in production.

PROJECTS

ICD-10 Code Classification (ML/NLP)
- Built a machine learning pipeline to **classify clinical text into ICD-10 medical codes**, involving preprocessing, feature engineering, and model evaluation. Achieved **88% validation accuracy**, **90% (Top-1k), 96% (Top-5k), and 99% (Top-10k) performance**, significantly improving healthcare data structuring accuracy.

Offline Document Intelligence using RAG (LLMs)
- Developed a **Retrieval-Augmented Generation (RAG)** system for offline document intelligence, integrating **OCR, transformer sentence encoders, SBERT, and LangChain** to enable semantic search, summarization, and context-based Q&A over PDFs.

CRUD Applications (Web Development)
- Designed and implemented multiple full-stack CRUD applications including an **E-commerce Platform, Library Management System, and Inventory Management System,** using **React, Node.js, Express, MongoDB, and DSA-based optimizations** for efficient data handling.

Semiconductor Manufacturing Process Yield Prediction
- Built classifiers to predict **Pass/Fail yield** from **591 sensor features**, performing **data cleaning, feature selection, SMOTE balancing, and detailed EDA**. Compared models: **SVM (100% accuracy), Random Forest (99% accuracy), Naive Bayes (84%)**, and selected the best model for deployment. Tools: **Python, Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn.**

Menu Q Application
- Collaborated on the development and enhancement of a restaurant menu management system, implementing **menu item CRUD operations**, **category management, and real-time updates**. Contributed using **React (frontend), Node.js/Express (backend), MongoDB,** and worked with **AWS, Docker, and Firebase** for scalable deployment and real-time data synchronization, improving system reliability and user experience.

SKILLS & INTERESTS

Spoken Languages: English (Fluent), Hindi (Native), Kannada(Fluent)

Languages: C, C++, Python, JavaScript, Java(Beginner)

Frameworks: React, Node.js, Express, Scikit-learn, Cross-Encoder, LangChain

Cloud & Databases: SQL, AWS, Azure, MongoDB, Firebase

DevOps & Tools: Docker, Git/GitHub, Streamlit, VS Code, Jupyter Notebook

Other Skills: Machine Learning, Data Science, Deep Learning, NLP, OCR, CRUD Applications, RestAPI, Debugging, Testing, Linux, Data Analysis & Visualization, Problem Solving, Agile & Team Collaboration

CERTIFICATIONS

- **Microsoft Certified: Azure Data Engineer Associate** – Microsoft, Jun 2024
- **Microsoft Certified Systems Certification** – Microsoft, Jun 2024
- **IBM Certified Specialist** – IBM, Jan 2024
- **Data Analytics Job Simulation** – Forage, Aug 2025
- **GenAI-Powered Data Analytics Job Simulation** – Forage, Aug 2025
- **Hackathon Participation** – Dyashin Technosoft, Dec 2024

POSITIONS OF RESPONSIBILITY

Sponsorship Coordinator | MITTian (E-Cell, Maharaja Institute of Technology Thandavapura) in collaboration with IIT Bombay Sep 2025 - Present
- Coordinate sponsorships and partnerships for events, collaborating with multiple stakeholders to secure funding and support.
- Assist in planning and organizing workshops and initiatives with IIT Bombay, enhancing outreach and impact of the E-Cell programs.