FASEEHA ZULAIKA N

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Summary

B.Tech graduate in Artificial Intelligence and Data Science with hands-on experience building Generative AI applications, RAG workflows, and Python backend services. Skilled in data analysis, SQL, integrating LLMs, and transforming complex datasets into actionable business insights. Eager to apply strong analytical and software development skills to drive AI innovation. Seeking an entry-level role as an AI Developer.

Skills

- **Programming & Frameworks:** Python, SQL, HTML, CSS
- **Data Visualization & BI Tools**: Microsoft Excel, Power BI
- **Design & Prototyping Tools:** Figma, Canva
- **Frameworks:** Streamlit, LangChain
- **Developer Tools:** Git, GitHub, Visual Studio Code (VS Code)

Internships

Data Analytics Intern
Alric Info Tech – Trivandrum, India

- Performed data cleaning, preprocessing, and analysis using SQL on real-world datasets
- Built interactive dashboards (Power BI) and generated insights to support data-driven decision making

Web Development Intern
M2 Web Development – Technopark Trivandrum

- Increased perfume e-commerce bookings by 15% by developing a responsive front-end using HTML, CSS, and JavaScript.

UI/UX Design Intern
AK Info park- Nagercoil

- Completed a hands-on internship focused on designing user interfaces for a WhatsApp Clone and ZingyByte Food Delivery App.
- Applied UI/UX workflows, wireframing, prototyping and responsive layout design.

Education

Arunachala College of Engineering for Women **2022 – 2026**
Bachelor of Technology in Artificial Intelligence and Data Science
CGPA: 8.5

St. Joseph Convent Higher Secondary School **2021 – 2022**

Higher Secondary Education
Percentage: 87.3%

Evans Matriculation Higher Secondary School **2019 – 2020**
Secondary Education
Percentage: 96%

Certifications

- NPTEL: Foundations of Cloud, IoT, Edge & ML
- GenAI powered data analytics job simulation – Tata (Forage)
- Excel for Data Analysis (Alison)
- Business Analysis & Process Management – Coursera
- Data Analytics Job Simulation – Deloitte (Forage)
- Solutions Architecture Job Simulation – AWS (Forage)
- Basics of data analytics and macros in Excel – Uniathena
- Django Essentials: Build and Deploy Real World Apps – Udemy
- Essentials of Business Analytics by Microsoft and LinkedIn

Awards

- **Young Researcher Award** – Awarded by IEI-KKLC for outstanding research contributions in Artificial Intelligence & Data Science.
- **1st Prize, Paper Presentation** – Avenora'24 National Level Technical Symposium.
- **2nd Prize, Poster Pitch** – Avenora'24 National Level Technical Symposium.
- **1st Prize, Paper Presentation** – Biotronix'24, Rohini College of Engineering and Technology.
- **Project Mastery Award** – Axelyra v.25 National Level Technical Symposium.

Publications

Enhancing Smart Agriculture through Digital Twin Technology – published in 'Institution of Engineers (India) Students' Chapter, 2024

Projects.

- **Sentiment Analysis Web App** –Engineered a Flask web application with Python and NLTK, Achieving 95% accuracy in real-time sentiment classification for user-submitted text.
- **Power BI Data Analytics Dashboards (Spotify & BigMart) –** Built interactive dashboards using Power BI for data cleaning, analysis, visualization, and business insights.
- **Smart Parking Detection** – Built a parking occupancy detection system using Python, OpenCV, and NumPy with Canny Edge Detection, ROI extraction, and edge density analysis.
- **Next-Gen PHOENIX (Personalized Hybrid Online-Offline Educational Network & Information eXchange)**– Developed a Flask-based recommendation platform using Python, Scikit-learn, TF-IDF, and SQLite for ML-driven personalized course, learning mode, and job recommendations.
- **ZingyByte AI Smart Serve Chatbot** – Engineered a real-time AI food concierge with Streamlit, LangChain, Groq API, and RAG for grounded menu retrieval, session summarization, and live streaming analytics.