

Muhammed Faheem Azeez

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Summary

B.Tech fourth-year student specializing in Artificial Intelligence, Machine Learning, with a strong foundation in C, C++, Java, Python, and MySQL. Skilled in building intelligent systems. Possess excellent communication, teamwork, and problem-solving skills. Actively seeking opportunities to expand expertise in Software Development, Ai and Machine Learning through hands-on projects and internships. Currently holding a family residence visa in UAE with a No Objection Certificate (NOC) from my father for employment or internship opportunities.

Skills

- **Programming Languages:** C/C++, Python, Java, HTML5, CSS3, JavaScript
- **Technologies and Tools:** DIP, CNN, Git, Github, AutoCAD, React, FastAPI, YOLOv8, OpenCV
- **DataBase:** DBMS, Power BI, MongoDB, SQL, SQLite
- **ML Libraries:** NumPy, Pandas, Matplotlib, Seaborn, PyTorch, Scikit-learn, TensorFlow, Keras
- **Cousework:** Computer Architecture, Object Oriented Programming, Computational Theory, Databases, Data Structures and Algorithms, Operating Systems, Data Science, Machine learning, Artificial Intelligence, Computer Networks.

Languages

- **English** – Fluent
- **Malayalam** – Native
- **Turkish** – Intermediate (B1)

Achievements

- **2nd Place** – Intelligent IoT Systems Development (Workshop)
- **100+** Leetcode Problems

Education

- B.Tech in CSE with specialization in AI&ML**
SRM Institute Of Science And Technology, Chennai
 - **CGPA: 7.1/10**, 2026 Graduate
- Class XII - Kerala Board of Secondary Education**
GOV HSS Koothuparamba, Kerala - 2022 Graduate
- Class X - Kerala Board of Secondary Education**
Rani Jai HSS, Nirmalagiri - 2020 Graduate

Certifications & Online Courses

- **AWS** : AWS Certified Cloud Practitioner
- **Scaler Topics** : DBMS Course - Master the Fundamentals and Advances Concepts
- **Udemy** : IT Network Cabling (Fibre Optics course)
- **Coursera** : HTML, CSS, and Javascript for Web Developers — Johns Hopkins University
- **DeepLearning.ai** : Andrew Ng's Machine Learning Specialization

Projects

AI-Driven Urban Safety Monitoring System (Personal Project)

[Project Link](#) 

- Built an end-to-end CCTV anomaly detection system using YOLOv8 with a two-layer pipeline — rule-based scoring + 3-class Random Forest classifier — reducing false positives from 96% to 12% at 98% accuracy
- Developed a FastAPI backend with 11 REST endpoints, WebSocket live streaming, async task processing (Celery), and 60s response caching, paired with a React dashboard featuring live camera grid, alert toasts, incident export, and real-time analytics

Real Time Gender Detection Using CNNs (Academic project)

SRMIST, Chennai
2023 – 2024

- Built a gender classification model using CNNs in Python (TensorFlow, Keras, OpenCV).
- Achieved high accuracy in real-world scenario using image preprocessing techniques.
- Trained the model on datasets and evaluated performance using precision-recall metrics.