

Farjan Alam

+91 8100511088 | farjanalam16@gmail.com | linkedin.com/in/farjan-alam
github.com/SyntaxSaviour | farjanalam.xyz | Chennai, Tamil Nadu, India AI & Machine Learning Sophomore at SRMIST

EDUCATION

SRM Institute of Science and Technology (SRMIST)

Bachelor of Technology in Artificial Intelligence and Machine Learning
- CGPA: 9.35 — Honors: Techknow 2024-2025 Award Winner

Chennai, India

June 2024 – May 2028

Army Public School Kolkata

Higher Secondary (Class 12) - PCM with Computer Science — 83%

Kolkata, India

March 2022 – March 2023

TECHNICAL SKILLS

AI/ML Frameworks: TensorFlow, PyTorch, Scikit-learn, Keras, NumPy, Pandas, OpenSMILE, Whisper, Librosa, OpenAI API, AWS SageMaker, Hugging Face

Programming Languages: Python, Java, C, C++, JavaScript, SQL

Data & Analytics: Tableau, Power BI, Excel, Altair, Data Modeling, Predictive Analytics, Audio Processing

Databases: MySQL, PostgreSQL, MongoDB

Cloud & Technologies: AWS (SageMaker, Bedrock), Git, Docker, Linux, REST APIs, MLOps, HuggingFace Spaces

Core Competencies: Machine Learning, Deep Learning, Computer Vision, Medical Image Processing, Audio Feature Extraction, NLP Biomarkers, Anomaly Detection, Transfer Learning, Model Deployment, Semantic Analysis

PROFESSIONAL EXPERIENCE

Backend Developer Intern

Brainmint Chennai

January 2026 – March 2026

Chennai, Tamil Nadu, India

Developed and deployed scalable e-commerce backend services including cart, wishlist, orders, checkout, and Razorpay integration using Node.js, Express.js, MongoDB, and REST APIs.

AI Deployment & Automation Intern

EduSkills Foundation

January 2026 – March 2026

Chennai, Tamil Nadu, India

- Deployed AI models to production and automated ML workflows using MLOps practices and cloud infrastructure

AWS Academy Generative AI Virtual Intern

EduSkills Foundation

October 2025 – December 2025

Chennai, Tamil Nadu, India

- Completed AWS Academy courses in ML Foundation, Generative AI, and NLP with hands-on model training and deployment

Machine Learning Intern

Cognifyz Technologies

August 2025 – October 2025

Chennai, Tamil Nadu, India

- Trained deep neural networks achieving 92% accuracy using TensorFlow and implemented transfer learning reducing training time by 60%

Altair Data Science Master Virtual Intern

EduSkills Foundation

July 2025 – September 2025

Chennai, Tamil Nadu, India

- Built predictive analytics models using regression, classification, and clustering achieving 87% validation accuracy

Google AI-ML Virtual Intern

EduSkills Foundation

April 2025 – June 2025

Chennai, Tamil Nadu, India

- Built and optimized deep learning models with TensorFlow, earning TensorFlow Developer Certificate

PROJECTS

CogniSafe - Cognitive Decline Screening Tool | Python, Whisper, openSMILE, NLP, Anomaly Detection 2025

- Built voice-based AI system for cognitive decline screening using acoustic analysis (openSMILE/eGeMAPS), Whisper transcription, and NLP biomarkers (MTLD, semantic coherence, idea density) with 2-sigma anomaly detection
- Won 2nd place at Hack the Knight Hackathon by CodeNex Club, SRMIST

DermaAI - Skin Lesion Diagnosis System | Python, TensorFlow, ResUNet, EfficientNetB0, Medical Imaging 2025

- Developed two-stage deep learning framework: ResUNet for lesion segmentation (DSC 0.9007) and EfficientNetB0 for 7-class classification (AUC-ROC 0.9564) on ISIC 2018 dataset with quantized deployment; submitted under 21CSE251T at SRMIST

ALICE - Intelligent AI Chatbot | Java, JavaFX, OpenAI API, MySQL 2025

- Built conversational AI system integrating OpenAI GPT models with JavaFX interface and MySQL backend

CERTIFICATIONS

AWS Academy Graduate - ML Foundations, Generative AI, NLP (Dec 2025) — **TensorFlow Developer** - Google (May 2025)

Altair RapidMiner Master - ML, Data Engineering, Applications & Use Cases, Platform Admin (Sep-Oct 2025)

Other: Data Structures & Algorithm (Corizo), Deloitte Data Analytics (Forage), PYTHONEERS (ACM SIGCHI)