

Farjan Alam

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AI & Machine Learning Sophomore at SRMIST

EDUCATION

SRM Institute of Science and Technology (SRMIST) <i>Bachelor of Technology in Artificial Intelligence and Machine Learning</i> • CGPA: 9.35 — Honors: Techknow 2024-2025 Award Winner	Chennai, India June 2024 – May 2028
Army Public School Kolkata <i>Higher Secondary (Class 12) - PCM with Computer Science — 83%</i>	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

AI Deployment & Automation Intern <i>EduSkills Foundation</i> • Deployed AI models to production and automated ML workflows using MLOps practices and cloud infrastructure	January 2026 – March 2026 Chennai, Tamil Nadu, India
AWS Academy Generative AI Virtual Intern <i>EduSkills Foundation</i> • Completed AWS Academy courses in ML Foundation, Generative AI, and NLP with hands-on model training and deployment	October 2025 – December 2025 Chennai, Tamil Nadu, India
Machine Learning Intern <i>Cognifyz Technologies</i> • Trained deep neural networks achieving 92% accuracy using TensorFlow and implemented transfer learning reducing training time by 60%	August 2025 – October 2025 Chennai, Tamil Nadu, India
Altair Data Science Master Virtual Intern <i>EduSkills Foundation</i> • Built predictive analytics models using regression, classification, and clustering achieving 87% validation accuracy	July 2025 – September 2025 Chennai, Tamil Nadu, India
Google AI-ML Virtual Intern <i>EduSkills Foundation</i> • Built and optimized deep learning models with TensorFlow, earning TensorFlow Developer Certificate	April 2025 – June 2025 Chennai, Tamil Nadu, India

PROJECTS

CogniSafe - Cognitive Decline Screening Tool <i>Python, Whisper, openSMILE, NLP, Anomaly Detection</i> • 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	2025
DermaAI - Skin Lesion Diagnosis System <i>Python, TensorFlow, ResUNet, EfficientNetB0, Medical Imaging</i> • 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	2025
ALICE - Intelligent AI Chatbot <i>Java, JavaFX, OpenAI API, MySQL</i> • Built conversational AI system integrating OpenAI GPT models with JavaFX interface and MySQL backend	2025

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)