MOHAMED ASLAM I

+91 70928 41437 | aslamachu8558@gmail.com | github.com/aslam-03 | linkedin.com/in/mohamed-aslam-i | Coimbatore, TN, IND

SUMMARY

AI & Data Science undergraduate with hands-on experience in Machine Learning, Generative AI, and Web Technologies. Built impactful projects including a Stock Volatility Predictor, AI-powered Legal Document Analyzer, and Real-time Indian Sign Language Translator. Skilled in Python, JavaScript, and modern frameworks, with strengths in time management, teamwork, problem-solving, and adaptability.

SKILLS

- **Programming Languages:** Python, JavaScript, HTML, CSS
- **Frameworks & Libraries:** React, Streamlit
- **Tools & Platforms:** Git, GitHub, VS Code, n8n, Dagshub
- **Technologies & APIs:** RESTful APIs, AI&ML, Web Development (Frontend & Backend)
- **Soft Skills:** Problem-Solving, Time Management, Team Collaboration, Communication, Adaptability

PROJECTS

Stock Volatility Predictor | Python, LSTM, GARCH | Jul 2025

- Designed a stock price volatility prediction system using LSTM and GARCH models with integrated technical indicators. Implemented MLflow for experiment tracking and DVC (via DagsHub) for data versioning.
- Built an interactive Streamlit dashboard to visualize market volatility trends in real time.

ClauseWise – AI-Powered Legal Document Analyzer | Python, NLP | May 2025

- Developed an NLP-powered tool to analyze contracts/NDAs by extracting key clauses, identifying legal risks & financial penalties, and generating plain-English summaries.
- Enabled multi-format document input (PDF, DOCX, TXT) and delivered interactive risk dashboards for faster legal reviews.

Indian Sign Language to Text Conversion | Python, CNN, Flask, OpenCV | Oct 2024

- Built a real-time sign language recognition system using CNN and MobileNetV2.
- Deployed with Flask + OpenCV and a custom HTML/JavaScript frontend, converting live webcam gestures into real-time text and speech output.

INTERNSHIPS

Frontend Developer Virtual Internship – Ceeras IT Services | Sep–Dec 2024

- Developed responsive web pages using HTML, CSS, JavaScript, React with clean, reusable code and improved performance.

Python Programming Virtual Internship – Codsoft | Nov–Dec 2023

- Built practical projects including a calculator, to-do list, and rock-paper-scissors game in Python.

CERTIFICATIONS AND BADGES

- AWS – Generative AI Foundation
- Microsoft – Fundamentals of Generative AI
- Google Cloud Skills – Prompt Design in Vertex AI; GenAI Apps with Gemini & Streamlit
- TCS iON – Communication Skills
- PrepInsta – Python Programming
- Scholarhat – JavaScript Programming

EDUCATION

B.Tech – Artificial Intelligence and Data Science, SNS College of Engineering, Coimbatore | 2022 – 2026

- CGPA: 7.65 (till 6th semester)

HSC(Class XII), Kamarajar Matriculation Higher Secondary School, Coimbatore | 2021 – 2022

- Score: 65.8%

SSLC(Class X), Kamarajar Matriculation Higher Secondary School, Coimbatore | 2019 – 2020

- Score: 67.2%