

MOHAMED ASLAM I

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SUMMARY

Innovative AI & Data Science undergraduate with hands-on experience in Machine Learning, Generative AI, and Full-Stack Web Development. Skilled in designing intelligent systems and end-to-end web solutions integrating AI capabilities. Proven track record of building impactful projects including a Legal Document Analyzer and Real-time Sign Language Translator. Recognized for strong problem-solving, collaboration, and adaptability with a passion for building deployable, real-world AI systems.

SKILLS

- Programming Languages:** Python, JavaScript, HTML, CSS, SQL
- Frameworks & Libraries:** React, FastAPI, Tensorflow, Scikit-learn, Numpy, Pandas
- Tools & Platforms:** Git, GitHub, VS Code, Vercel, Docker
- Soft Skills:** Problem-Solving, Time Management, Team Collaboration, Communication, Adaptability

PROJECTS

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
- PreInsta – 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%