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SUMMARY

Aspiring AI and Data Science Undergraduate with hands-on experience in machine learning, Generative AI, Frontend and Python based projects. Developed practical solutions including an Indian Sign Language translator, Stock volatility predictor, legal document analyzer. Demonstrates strong problem-solving, collaboration, and time management skills through hackathons and internships.

EDUCATION

SNS College of Engineering, Coimbatore B.Tech in Artificial Intelligence and Data Science CGPA: 7.6 (Till 5th Semester)	2022 - 2026
Kamarajar Matriculation Higher Secondary School, Coimbatore HSC - 65.8% SSLC - 67.2%	2021 - 2022 2019 - 2020

SKILLS

Languages: Python, HTML, CSS
Tools & Technologies: VS Code, Git, GitHub, n8n, Dagshub, MLflow, Streamlit, Figma
Concepts: Frontend Development, Data Structures, Machine Learning, Generative AI
Soft Skills: Problem Solving, Time Management, Team Collaboration

PROJECTS

Stock Volatility Predictor Python LSTM GARCH • Developed a stock price volatility prediction system using LSTM and GARCH models with technical indicators and sentiment signals. Integrated MLflow for experiment tracking and DVC for data versioning via DagsHub. Built an interactive Streamlit dashboard for visualizing market volatility trends.	JUL 2025
ClauseWise – AI-Powered Legal Document Analyzer Python NLP • Built an intelligent NLP-based tool to analyze contracts/NDAs by extracting key clauses, identifying legal risks and financial penalties, and providing plain-English explanations. Supported multi-format input (PDF, DOCX, TXT) and delivered interactive risk dashboards for faster legal reviews.	MAY 2025
Indian Sign Language to Text Conversion Python CNN • Developed a real-time sign language recognition system using CNN and MobileNetV2, Flask, and OpenCV with a custom HTML/JS frontend to convert live webcam gestures into real-time text and speech output.	OCT 2024

INTERNSHIPS

Ceeras IT Services Frontend Developer Virtual Internship • Developed and maintained responsive web pages using HTML, CSS, JavaScript, and React. Focused on creating clean, reusable code and improving frontend performance.	SEP-DEC 2024
Codsoft IT Services and Consultancy Python Programming Virtual Internship • Completed hands-on assignments such as creating a calculator, a to-do list, and a rock-paper-scissors game using Python.	NOV-DEC 2023

CERTIFICATIONS AND BADGES

- AWS: Generative AI Foundation
- Microsoft: Fundamentals of Generative AI
- Google Cloud Skills: Prompt Design in Vertex AI
- TCS iON: Communication Skills
- Preplnsta: Python Programming