

SUMAN S

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SUMMARY

Aspiring AI and Data Science graduate with hands-on experience in machine learning, Generative AI, and Python-based projects. Developed practical solutions including a supply chain demand forecaster, YouTube video summarizer, lecture-to-notes bot, and AI-powered trading system. Demonstrates strong problem-solving, collaboration, and time management skills through hackathons and industry internships.

EXPERIENCE

AIML Engineer Intern + Scrum master – Syncner

July 2025 – Present

- Learning and applying web scraping techniques for real-world data collection.
- Contributing to recommendation engine projects, improving content relevance and personalization.

Full Stack Intern – Webgen Technologies

Sep 2024 – Dec 2024

- Created frontend applications (calculator, login form, digital clock) using HTML, CSS, and JavaScript.
- Gained hands-on Git and version control experience.

PROJECTS

Listener – Lecture to Notes Bot [GitHub]

Dec 2024

Built multimodal bot combining Whisper (audio) + OCR (slides) with LLM summarization to auto-generate structured notes. Adopted by MSJ Education Academy, improving learner productivity by 20–30 percent through faster notes generation.

YTBriefAI – YouTube Summarizer with SEO [GitHub]

Feb 2025

Generated concise summaries with **90% relevancy**, cutting content review time by **60%**. Enhanced video visibility by **boosting SEO keywords coverage 35%**.

AI-Powered Trading Platform [GitHub]

Jul 2025

Backtested ML models achieving **70%+ prediction accuracy**. Reduced trade execution latency to **<100ms**, enabling **25% faster portfolio rebalancing**.

Supply Chain Demand Forecasting [GitHub]

May 2025

Improved demand forecast accuracy by **15%** using ARIMA, Prophet, and LSTM. Automated pipeline reduced forecasting time by **40%** through Streamlit + Flask deployment.

EDUCATION

SNS College of Engineering, Coimbatore

2022 – 2026

B.Tech in Artificial Intelligence and Data Science

CGPA: 8.34 (till 6th semester)

Kamarajar Matriculation Higher Secondary School, Coimbatore

2021 – 2022

HSC: 82%

Kamarajar Matriculation Higher Secondary School, Coimbatore

2019 – 2020

SSLC: 78%

SKILLS

Programming Languages: Python, HTML, CSS, SQL

Libraries & Frameworks: TensorFlow, Keras, NumPy, Pandas, Scikit-Learn, Matplotlib, Flask, OpenCV, Django, React.js, Node.js, Streamlit

DevOps & Tools: Git, GitHub Actions, Windows, Anaconda, VS Code, Docker, DVC, Jupyter Notebook, Asana

CERTIFICATIONS

- Microsoft: Azure AI Fundamentals (AI-900)
- IBM: Databases and SQL for Data Science — Issued Nov 2025 (Coursera)