

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)