

SOHAN SAHA

Quantitative Analyst | AI & Data Engineering (Robotics) | Greater Delhi Area, India

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SUMMARY

B.Tech in Artificial Intelligence and Data Engineering; currently pursuing an M.Tech in Artificial Intelligence (Robotics). Two peer-reviewed publications in IEEE Xplore and ISJEM covering computer vision and transformer-based forecasting. Four analytics internships across fintech, edtech, and applied AI, alongside co-founding a finance startup and advising 100+ clients. Applies quantitative analysis and machine learning to business problems and financial markets, with particular strength in turning model output into decisions non-technical stakeholders can act on.

SKILLS

Quantitative and Financial: Equity research; investment strategy; portfolio management; financial analysis; statistical modelling

AI and Machine Learning: Time-series forecasting; Temporal Fusion Transformers; convolutional neural networks; NLP and sentiment analysis; computer vision; prompt engineering

Data, Cloud and BI: Data engineering; AWS; Apache Spark; Databricks; Power BI; Tableau; Microsoft Excel; KPI dashboarding

Business: Business analysis; requirements engineering; stakeholder management; root cause analysis; data storytelling

Programming: Python, SQL, Java, Scala Languages: English, Hindi, Bengali

EXPERIENCE

Business Analyst and Front-End Developer, Finranite (Remote)

Oct 2025 - Dec 2025

- Built financial models and data visualisations that directly supported management decision-making.
- Developed front-end web components; applied engagement analytics to optimise social media strategy.

Data Analyst Intern, Six Phrase | Veranda (Remote)

Feb 2025 - May 2025

- Cleaned, analysed, and visualised large datasets in Python, SQL, and Excel to surface actionable trends.
- Contributed to strategic recommendations, improving accuracy across data-driven projects.

Prompt Engineering Intern, Internshala (Remote)

Aug 2024 - Oct 2024

- Built expertise in prompt engineering for generative AI; delivered an AI-driven text generation project.

Data Analyst Intern, Futureense Technologies (On-site)

Feb 2024 - Jun 2024

- Performed exploratory data analysis and visualisation; presented findings to non-technical audiences.

PUBLICATIONS

[Large-Scale Time-Series Forecasting for Supply Chain Optimization Using Temporal Fusion Transformers](#) - ISJEM, May 2026. Attention-based forecasting for demand prediction and inventory planning.

[Smart Mood Detection: Real-Time Emotion Analysis for Human-Computer Interaction Using Deep Learning](#) - IEEE Xplore, May 2025. CNN-based real-time emotion classification at over 97% accuracy.

PROJECTS

Clinic Management System for Doctors with Automation and Facial Recognition - Facial recognition for patient identification; automated scheduling, treatment history, and billing.

Expert Advisor Bot for Financial Markets - Automated rules-based trading with configurable entry and exit logic, position sizing, and risk controls.

Three-Domain Analytics: Uber, Netflix and ODI Cricket - One EDA and visualisation framework tested across three unrelated datasets.

EDUCATION

M.Tech, Artificial Intelligence (Robotics) - Bennett University, Greater Noida

Jul 2026 - Jun 2028

B.Tech, Artificial Intelligence and Data Engineering - Jain (Deemed-to-be University)

2022 - 2026

CERTIFICATIONS

PwC Switzerland - Digital Intelligence (quant finance and statistical modelling) | Columbia University - Causal Inference | University of Michigan - Inferential Statistical Analysis with Python | University of Zurich - Probability | Investment Risk Management | IBM - Tools for Data Science; Computer Vision | Duke University - Cloud Virtualization | Vanderbilt University - Prompt Engineering

ACHIEVEMENTS

Published two peer-reviewed papers as an undergraduate | Co-founded a finance startup, advising 100+ clients | Grew a YouTube channel to 170,000+ subscribers through audience analytics