

Zahid Ahmed

<https://trader-short.github.io/zahid/>

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EDUCATIONAL QUALIFICATIONS

Examination	Year	CPI/%	University	Institute
B.Tech (Material Science Engineering)	2020	8.28	IIT Bhubaneswar	IIT Bhubaneswar
Intermediate/+2	2016	98.3	Board of Intermediate Education, Telangana	Narayana Junior College

WORK EXPERIENCE

Founding Engineer at Prudence Energy

[Oct 2024 - Jun 2025]

- Led development of a trader-facing desktop application using Tkinter and ImGUI framework, supported by scalable Python backend services. Implemented real-time messaging via Azure Service Bus and deployed cloud-native components on Azure.

Senior Developer at AG Family Office

[Apr 2022 - Sep 2024]

- Built and deployed a full-stack trading platform to support arbitrage strategies for the family office fund. Designed and implemented core logic in Python, managed data pipelines with PostgreSQL, and integrated with multiple exchange APIs.

Software Engineer at Cobblestone Energy

[Apr 2021 - Mar 2022]

- Supported and extended the ETRM platform used for power trading operations. Collaborated closely with power traders to develop custom tools

Junior Quantitative Developer at SGFC Switzerland

[July 2020 - Mar 2021]

- Built an in-house backtesting platform for the firm, leading to significant reduction in time required for deployment of strategies to live markets.

SKILLS

Programming Languages: Python, MATLAB, SQL, Javascript, HTML, CSS, R

Backend: REST APIs, Microservices, Multithreading, Asynchronous Programming, WebSockets

Cloud/Devops: Azure, Docker, Azure Service Bus, Azure Functions, CI/CD (GitHub Actions)

Databases: PostgreSQL, MongoDB, Redis, SQLite

Data Processing / ML: Pandas, NumPy, LangChain Scikit, Keras, PyTorch

Tools & Frameworks: FastAPI, Flask, SQLAlchemy, BeautifulSoup, Tkinter, ImGUI

KEY PROJECTS

Stock Sentiment Dashboard: A Streamlit-based web app that analyses recent news headlines to determine sentiment for US and Indian stocks.

QR Code Website: A web app that takes a URL as input and generates a QR code in real-time.