

Vijay kotihal

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Results-driven Software Engineer with 7 months of hands-on experience in full-stack development and backend engineering. Proven expertise in building **scalable financial trading platforms** using Python, FastAPI, Kafka, Redis, and TimescaleDB. **Skilled in** real-time data processing, RESTful API development, and system design. **Demonstrated ability to deliver** high-performance solutions in fast-paced startup environments.

Bachelor of Engineering in Information Science and Engineering

CGPA: 8.1

Diploma in Electrical and Electronics Engineering

Percentage: 85

Secondary (X)

Percentage: 64.5

Python, Java, JavaScript, C

React.js, Node.js, FastAPI, Kafka, Redis, MongoDB, PostgreSQL, TimescaleDB

Data Structures & Algorithms, OOP, OS, DBMS, Computer Networks

Git, Docker, VS Code, Postman, DBeaver, Linux

Byterains Technologies Pvt Ltd

Bangalore, India

- Developed and maintained a real-time Forex trading platform processing live market data using FastAPI, Kafka, and TimescaleDB, achieving sub-100ms latency.
- Integrated Saxo Bank REST APIs to enable live FX data streaming and asynchronous multi-order placement functionality.
- Built scalable data pipelines to stream, cache, and persist financial tick data with performance monitoring.

- Designed a blockchain-based ride-sharing app using Ethereum smart contracts, React.js, and Web3.js for P2P ride booking.
- Enabled secure ride matching and automated payment validation through MetaMask and Solidity.
- Developed a complete trading system using Java with integrated REST APIs for order placement, account tracking, and position management.
- Utilized Kafka and Redis for live FX data streaming and PostgreSQL for secure order and trade log storage.
- Created an async Forex trading system using FastAPI, Saxo Bank API, Kafka, Redis, and TimescaleDB.
- Implemented live tick streaming, multi-order placement, and latency monitoring.

Byterains Technologies Pvt Ltd (April 2025 – October 2025)

Programming in Java (Elite)

Java

Python

MERN Stack Development Internship

English (Fluent), Hindi (Fluent), Kannada (Native)