

# NARAYAN VASHISHTHA

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## SKILLS

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**Programming & Backend:** Java, Spring Boot, Microservices, REST API, Hibernate, JPA, SQL, Data Structures and Algorithms, OAuth, Spring Security

**Databases:** PostgreSQL, Redis, BigQuery

**Cloud & DevOps:** AWS (Lambda, EC2, SDK, ECS), Docker, Kubernetes, Git, Github, BitBucket, CI/CD

**Streaming/Messaging:** Apache Kafka

## WORK EXPERIENCE

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**Software Engineer (Backend) – Solgard Ventures LLP – Noida** Jan 2025 – Present

- Developed high-performance order execution system using Spring Boot, Redis, and REST APIs, achieving sub-millisecond order retrieval through Java concurrent worker pool with configurable thread pool size.
- Designed atomic liquidity management using Redis Lua scripting, preventing race conditions and ensuring data consistency through atomic operations in distributed multi-threaded environment.
- Integrated Kafka event streaming for durable audit trails and real-time observability, publishing structured order lifecycle events with Spring Boot Actuator monitoring endpoints.
- Containerized event-driven architecture using Docker Compose with Redis, Kafka, and Zookeeper, enabling consistent deployment across development and production environments.

**Quantitative Trading Operations – Share India Securities – Noida** Jan 2024 – Jan 2025

- Developed a semi-automated intraday trading system enabling real-time order execution, trade logging, and P&L tracking.
- Applied asynchronous order handling and low-latency design principles to improve reliability and execution speed.
- Implemented intraday options trading strategies for Nifty and Bank Nifty using technical indicators and price action.
- Designed multithreaded and event-driven modules to handle high-frequency operations efficiently.

**Java Developer (Backend) – Centilytics – Noida** Feb 2023 – Aug 2023

### Azure EA Saving Plan

- Automated cloud cost reporting pipelines by integrating AWS SDKs with Spring Boot, improving reporting efficiency.
- Integrated with BigQuery for real-time analysis and optimized SQL queries for large billing datasets.
- Delivered dynamic filtering features to provide actionable cost insights for clients.

### AWS EBS Volume Utilization

- Built monitoring modules for AWS EBS usage to detect anomalies early and improve cost efficiency.
- Optimized data parsing and SQL queries to reduce reporting delays.
- Contributed to CI/CD pipelines to ensure reliable deployment of backend modules.
- **Tech:** Java, Spring Boot, AWS SDK, SQL, BigQuery, AWS Lambda, Git.

**Software Developer – Global Knowledge Works – New Delhi** Jan 2022 – Feb 2023

### Education Management Portal

- Delivered end-to-end web-based education management solutions using Java Spring Boot and MySQL.
- Built modular APIs for registration, course enrollment, and progress tracking, improving maintainability and reusability.
- Streamlined workflows to enhance onboarding and course management efficiency.
- Collaborated with stakeholders to translate requirements into production-ready backend solutions.
- **Tech:** Java, Spring Boot, SQL, Git, MySQL.

## EDUCATION

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**B.Tech in Electronics and Communication – ITS Engineering College, Greater Noida** Aug 2016 – Sep 2020