

ADITYA MANJREKAR

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ACHIEVEMENTS & PROFILE SUMMARY

- Backend Java Developer with more than 2.6 years of experience building scalable, cloud-ready microservices using Java 17, Spring Boot, and RESTful APIs.
- Proven ability in designing and maintaining high-performance backend systems, optimizing large-scale data processing, and building event-driven architectures.
- Secured 1st rank at institute level in the CDAC Post Graduate Diploma in Advanced Computing.
- Nominated for Quarterly RNR Award by HOD (April – June 2024) for outstanding contributions.

WORK EXPERIENCE

NeoSoft Technologies PVT LTD.

Associate Software Engineer

October 2022 - Present

1. Save Brokerage (Trading Broker client)

- Developed cloud-native Spring Boot microservices for B2C clients to view brokerage savings and trading insights, enhancing engagement and trading efficiency. Implemented access control based on client type and trading activity.
- Designed backend systems processing data for 500K+ users, with 100K+ daily updates, using efficient SQL, pagination, and multithreading. Reduced single-user data processing time by over 90% by optimizing low-throughput systems.
- Built and enhanced RESTful APIs with Redis caching and CDN integration, significantly improving response times and client experience. Integrated Elasticsearch for fast search operations (<20ms) across stocks, news, and FAQs.

2. Auto-Pay Engine (Trading Broker client)

- Created a robust API-based Mandate Engine service to manage UPI AutoPay mandates and recurring debits across multiple financial products.
- Enabled mandate registration, status tracking, and cancellation via Razorpay integration, supporting one-time and recurring payment flows resulting in a streamlined autopay payment experience for users eliminating the need to fund a payment wallet.

3. External Events Processing (Trading Broker client)

- Engineered a Kafka-based event ingestion system to process over 150,000 events daily, including equity and F&O research calls and customer call logs, maintaining zero-lag data delivery.
- Designed a consumer microservice to process high volumes of data efficiently, enhancing event capture accuracy and speed. Integrated Strategy Pattern to handle different event types from various sources.

4. API Governance Tool (Banking client)

- Implemented an end-to-end web portal for a banking API team using Java (Spring boot) and Angular, reducing their manual efforts in maintaining nearly 800 APIs by 90%.
- Centralized management of API related information such as documents and code repositories etc. Improved security by integrating Spring Security with JWTs for authentication and authorization.

EDUCATION

Post Graduate Diploma in Advanced Computing

September 2022

CDAC

Percentile: 83.50

Bachelor of Engineering - Information Technology

May 2019

Atharva College of Engineering

CGPA: 7.88/10

SKILLS

- Technical Skills:** Java 17, SQL, Spring Boot, Spring Security, Hibernate, JPA, Kafka, Redis, Elasticsearch, Docker, CI/CD (GitHub Actions), AWS (core services), Kubernetes (basic), RESTful Services, Angular
- Core Competencies:** Object-Oriented Programming (OOP), Data Structures & Algorithms, System Design, Functional Programming, Design Patterns
- Non-Technical Skills:** Problem-Solving, Cross-functional Collaboration, Adaptability, Teamwork, Clear Communication
- Tools:** IntelliJ, Eclipse, Postman, Git, Visual Studio Code, JIRA, Swagger, Maven