

Updesh Rajput

Software Engineer

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Ghaziabad, Uttar Pradesh

Summary

Software Engineer with 3+ years of experience building scalable backend systems using Java, Spring Boot, and distributed architectures. Experienced in designing data-intensive applications, and large-scale processing workflows. Focused on performance optimization, production reliability, and clean architecture.

Technical Skills

Languages: Java, Python, JavaScript

Backend: Spring Boot, Spring Security, Hibernate, JPA, Microservices, REST APIs, gRPC, JWT, OAuth, Multithreading

Databases: PostgreSQL, MySQL, SQL Server, Elasticsearch, Redis

Tools & DevOps: Liquibase, RabbitMQ, Docker, AWS, Maven, Git, Bitbucket, Postman, IntelliJ, STS, VS Code

Concepts: System Design, OOPs, Data Structures & Algorithms

Work Experience

Development Engineer | Prospecta Software Pvt. Ltd.

Feb 2023 - Present

- Built automation scripts using **Python** to eliminate repetitive manual processes, reducing manual effort by **~80%** and improving operational efficiency.
- Designed and built a DIW Data Governance module enabling rule-based data filtering and metric-driven analysis, reducing data discrepancies by **~50%** while accelerating error identification across client datasets.
- Expanded User Defined Rule functionality to support advanced configurations, enabling **~60%** of custom rules to be configured without code and driving significant client usage.
- Created a Task Analytics dashboard using **Elasticsearch** aggregations to visualize performance metrics and support data-driven decision-making.
- Developed region-based access control for plant selection, restricting users to view and select only authorized plants, significantly improving **data accuracy** and **user experience**.
- Refactored complex data workflows by replacing multiple Hibernate queries with a consolidated **database stored procedure**, eliminating **deadlocks** and reducing processing time by **~50%**.
- Improved database performance by optimizing inefficient queries and introducing effective **indexing**, boosting execution speed by **~70%**, and resolving system latency issues.

Projects

YourTradingJournal

Engineered a comprehensive trading journal platform to help traders track, analyze, and improve their trading performance through structured data and analytics.

Technologies Used: Java, Spring Boot, Spring Security, JWT, OAuth2, PostgreSQL, Next.js, Oracle Cloud

- Built a strategy builder for defining and tracking custom trading rules.
- Implemented a trade journaling system with screenshots, notes, and entry/exit data. Built
- analytics dashboards to identify trading patterns and improve decisions. Created a
- calendar-based profit and loss view for daily performance tracking.
- Integrated secure authentication using JWT and OAuth2.
- Deployed on Oracle Cloud, ensuring scalability and reliability.

Achievements

- Built and launched YourTradingJournal, actively used by 500+ users for trade tracking and analytics.
- Solved 500+ Data Structures & Algorithms problems on platforms like LeetCode and GeeksForGeeks.

Education

Bachelor of Computer Applications (In Progress) | Manipal University Jaipur

Feb 2024 - Feb 2027

Java Backend Development | Masai School, Bengaluru

Mar 2022 - Dec 2022