

Prasad Sawant

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SUMMARY

Experienced Java developer with a strong background in building secure, scalable microservices and RESTful APIs using Spring Boot. Proven track record in Object-Oriented Analysis and Design, software design patterns, and Java coding principles. Proficient in Agile methodologies (SAFe) and continuous integration practices. Skilled in working with both relational and NoSQL databases, including MongoDB and MySQL. Adept at enhancing application functionality and performance through innovative solutions in collaborative settings. Committed to driving customer experience and leveraging cloud-native principles to deliver robust, high-quality code in fast-paced environments.

SKILLS

Frameworks and Project Management Tools : Spring Boot | Spring JPA | JUnit | RESTful API | Microservices | SDLC | Jira

DevOps and Tools : Git | Docker | SonarQube | OpenShift | Jenkins | Maven | Gradle | Apache Kafka | CICD

Languages and DBMS : Java | JavaScript | SQL | MongoDB | MySQL

EXPERIENCE

Analyst • TIAA, Pune • Innovation Excellence Team Award 2023

July 2022 - Present

- Developed robust and scalable APIs for the web-based platform ICON, serving both plan sponsors for tax-sheltered annuity plans and internal users of investment lineup changes. Achieved a 20% reduction in API response time and improved scalability by 30%.
- Contributed to the Retireplus Team (RST), enhancing investment and balance management tools, resulting in a 6% increase in average projected income and a 15% decrease in risk exposure.
- Participated actively in feature discussions, requirement gathering, and technical analysis, resulting in a 10% improvement in development efficiency and a 20% reduction in time-to-market.
- Wrote and tested secure, modular, and functional code, ensuring high quality and reliability.

PROJECTS

E-commerce Website Backend Services - [GitHub](#)

Tech Stack: Java, Spring Boot, Microservices, Netflix Eureka, Spring Cloud Gateway, Event-driven architecture ,REST API's

- Developed a microservices-based e-commerce backend using Spring Boot, implementing services for Product, Inventory, Order, Cart, Payment, and Notification.
- Designed and integrated service discovery with Netflix Eureka and API Gateway using Spring Cloud Gateway for efficient routing and load balancing.
- Secured microservices using Keycloak, implemented Circuit Breaker for resilience, and used Apache Kafka for event-driven architecture.
- Dockerized applications and established comprehensive monitoring with Prometheus and Grafana, ensuring seamless performance and observability.

Fund-Lineup-Change Service(ICON) - Backend Microservice

TIAA,Pune | August 2022 - Present

Tech Stack: Java,MongoDB,REST-API,Microservice Architecture,Spring Boot,Apache Kafka,Docker,JUnit ,Design Pattern

- **Implemented Data Management System:** Developed a robust backend using Spring Boot and MongoDB to handle investment lineup changes, client data, fees, pricing, and workflow microservices.
- **Designed Specialized Microservices:** Created services such as document service, fund lineup change service, offer service, and rules service to meet specific client needs.
- **Ensured Seamless Data Exchange:** Utilized Apache Kafka for reliable data exchange, supporting critical functions like pricing updates and notifications.
- **Optimized Performance:** Enhanced system performance by implementing REST APIs for data retrieval and caching mechanisms for faster access.
- **Managed Complex Workflows:** Oversaw intricate workflows for investment lineup changes, ensuring efficient processing and accurate updates of investment plans.

EDUCATION

Bachelor of Computer Engineering (CGPA 9.1)

Savitribai Phule Pune University ,Pune India | *July 2019 - June 2022*