Prasad Sawant

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SUMMARY

Experienced Analyst with a strong background in developing scalable APIs and microservices for enterprise applications. Skilled in Java, Spring Boot, and cloud-native technologies, with expertise in DevOps practices including Docker, CI/CD pipelines, and cloud deployment. Proven track record of enhancing system performance, improving scalability, and reducing time-to-market. Adept at collaborative problem-solving and delivering high-quality solutions in dynamic team 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 | Python| 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

Fund-Lineup-Change Service(ICON) - Backend Microservice   TIAA,Pune | *July 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.

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 robust microservices architecture using Spring Boot for an e-commerce backend, encompassing services like Product, Inventory, Order, and Notification to support seamless operations.
- Implemented service discovery with Netflix Eureka and API routing via Spring Cloud Gateway, ensuring efficient communication and load balancing between microservices.
- Enhanced system resilience with Spring Cloud Circuit Breaker and integrated Keycloak for secure identity management, bolstering application security and fault tolerance.
- Utilized Apache Kafka for event-driven communication, enabling asynchronous processing and improving system responsiveness and scalability.
- Dockerized all microservices for consistent deployment across different environments, while setting up Prometheus and Grafana for comprehensive monitoring and performance optimization.

EDUCATION

Bachelor of Computer Engineering (CGPA 9.1)   Savitribai Phule Pune University ,Pune India | *July 2019 - June 2022*