Vidya Sagar Himansu

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Technical Skills

Languages: Java, Python, SQL (PostgreSQL), JavaScript, HTML/CSS
Frameworks: Spring Boot, Spring Cloud (Eureka, Config, Gateway), Spring Data, zipkins, Spring Security, React
Microservices & Integration: Microservices Architecture, RESTful API Design, Service Discovery, Load Balancing
Cloud & DevOps: AWS, Docker, Kubernetes, Jenkins, CI/CD pipelines
Testing & Tools: JUnit, Mockito, Git, VS Code, IntelliJ, Eclipse
Other Tools: Agile Development, Continuous Integration & Deployment

Experience

Software Engineer Sept 2021 – Nov 2024
Societe Generale *Pune, Maharashtra*

Enterprise Java & Microservices Development:
- Designed and implemented scalable microservices using Java and Spring Boot to support mission-critical applications.
- Leveraged Spring Cloud libraries (Eureka for service discovery, Config for centralized configuration, and Gateway for API routing) to build a resilient microservices ecosystem.
- Decomposed monolithic applications into modular, independently deployable services, reducing infrastructure costs by 35% and improving time-to-market for new features.

API Integration & Service Communication:
- Developed robust RESTful APIs to enable seamless communication between services and integrated them into a React-based project, ensuring a unified and responsive user experience.
- Implemented client-side load balancing and fault tolerance using Spring Cloud patterns, ensuring high availability and smooth service interactions.

Quality & Performance Optimization:
- Enforced rigorous testing practices using JUnit and Mockito, reducing error rates by 30%.
- Continuously monitored and optimized microservices performance, reducing API response times and enhancing overall system efficiency.

DevOps & Cloud Deployment:
- Spearheaded containerization initiatives using Docker and Kubernetes for agile deployments and zero-downtime updates.
- Streamlined CI/CD pipelines with Jenkins, accelerating release cycles and ensuring consistent deployment quality.

Projects

Enterprise Microservices Platform:
- Developed a suite of microservices with independent scaling, robust fault tolerance, and centralized configuration management.
- Designed a comprehensive API layer for smooth inter-service communication using RESTful principles.
- Achieved significant improvements in system resilience and performance through optimized service discovery and load balancing.

Microservices-Driven System Enhancement:
- Re-architected core functionalities into modular microservices, leveraging Spring Cloud to manage service interactions and configurations.
- Enhanced security and data integrity using Spring Security and Spring Data integrations.
- Optimized deployment processes, reducing release times by 60% and operational costs significantly.Optimized deployment processes, reducing release times by 60% and operational costs significantly.
- Optimized database queries and implemented indexing strategies, reducing query execution time by 30%.
- Utilized Entity Framework for database management, ensuring efficient data access and manipulation.
- Troubleshot and resolved production issues, ensuring minimal downtime and maintaining high system availability.

Achievements

- Improved Application Performance: Achieved a 20% improvement in application speed and a 30% reduction in error rates through performance optimization.
- Cost Savings Reduced deployment lead time by 60%, saving significant operational costs.
- User Satisfaction: Increased user satisfaction scores by 25% through enhanced frontend development.

Education

Army Institute Of Technology Pune, Maharashtra
Bachelor of Engineering(Information Technology) *June 2017 – June 2021*