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 built high-performance microservices using Java and Spring Boot, supporting scalable and resilient mission-critical applications.
- Transformed a monolithic system into a modular, independently deployable microservices ecosystem that cut infrastructure costs by 35% and accelerated market delivery.

API Integration & Service Communication:

- Developed robust RESTful APIs that seamlessly integrated backend services with a React-based frontend, resulting in a fluid and unified user interface.
- Implemented effective service discovery and load-balancing strategies using Spring Cloud patterns, significantly improving overall system resilience and response times.

Quality & Performance Optimization:

- Instituted comprehensive unit and integration tests using JUnit and Mockito, reducing production defects by 30%.
- Continuously monitored and optimized microservices performance, reducing API response times and enhancing overall system efficiency.

DevOps & Cloud Deployment:

- Led containerization and orchestration initiatives using Docker and Kubernetes, achieving zero-downtime deployments and enhanced scalability.
- Automated CI/CD pipelines with Jenkins, streamlining release cycles and ensuring consistent quality across deployments.

Projects

Enterprise Microservices Platform:

- Developed a comprehensive API gateway system that facilitated seamless, secure communication between services.
- Integrated service discovery mechanisms to improve system robustness and provide automatic failover capabilities.
- Implemented centralized configuration management to enable dynamic updates and simplified maintenance.

System Re-Architecture & Optimization Initiative:

- 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)