Vidya Sagar Himansu

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Technical Skills

Languages: Java, C#, C/C++, Python, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, Java Spring-Boot, ASP.NET Core
Developer Tools: AWS, Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
DevOps Tools: CI/CD pipelines, Jenkins, Docker, Kubernetes
Other Tools: Apache Airflow, RESTful APIs, Microservices, JUnit, Mockito

Experience

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

Frontend Development:

- Developed and maintained a React-based frontend, enhancing user experience and increasing user satisfaction scores by 25%.
- Built high-traffic web applications using **React, Redux, and RESTful APIs**, ensuring seamless user interactions.

Backend Development:

- Architected and led the development of a distributed microservices-based platform using **Spring Boot and React**, serving 1M+ monthly active users with 99.99% uptime.
- Designed and implemented a real-time analytics dashboard using React, WebSocket, enabling stakeholders to monitor key metrics with sub-100ms latency.
- Spearheaded the migration of legacy systems to a cloud-native architecture on AWS, reducing infrastructure costs by 35% and improving scalability.
- Developed a custom React component library with Storybook, reducing UI development time by 40% and ensuring consistency across applications.
- Optimized backend performance by introducing caching strategies with Redis and database indexing, reducing API response times by 60%.
- Implemented OAuth2.0 and JWT-based authentication across the platform, enhancing security and compliance with GDPR and CCPA standards.
- Built a GraphQL API gateway to consolidate multiple RESTful services, reducing over-fetching and improving frontend performance by 50%.
- Led the adoption of Kubernetes for container orchestration, achieving zero-downtime deployments and improving resource utilization by 25%.

Projects

Trade Flow Monitoring System:

- Built and maintained high-traffic web applications using React, Redux, and RESTful APIs.
- Automated build and deployment processes using Jenkins, resulting in more frequent and reliable releases.
- Conducted extensive testing using JUnit and Mockito to ensure robust and defect-free code.

Trade Flow Downstream Processing:

- Engineered backend services using C# and ASP.NET Core, supporting high-traffic applications with enhanced performance and scalability.
- Integrated RESTful APIs and microservices into existing systems, improving system modularity and maintainability.

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*

Additional Information

- Mentored junior developers, conducted code reviews, and contributed to the adoption of best practices, improving team productivity by 15%.
- Languages: English (Fluent), Hindi (Native)
- Interests: Competitive programming, open-source contributions and exploring new technologies.