Vidya Sagar Himansu

+91 960 4321 714 | himansumaurya@gmail.com | linkedin | Github | Immediate Joiner

Technical Skills

Languages: Java, C#, C/C++, Python, SQL (Postgres), JavaScript, HTML/CSS
Frameworks: React, Java Spring-Boot, .Net-Core
Developer Tools: Git, Docker, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse
DevOps Tools: CI/CD pipelines, Jenkins, Docker, Kubernetes

Experience

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

- Developed and maintained a **React**-based frontend, enhancing user experience and increasing user satisfaction scores by 25%.
- Built scalable, cloud-native backend services using **Java and Spring Boot**, managing concurrent trade flows worth over USD 50M.
- Optimized database performance with advanced schema design and indexing, boosting query speed by 40%.
- Automated software delivery pipelines using **CI/CD tools**, cutting deployment lead time by 60% and maintaining high code quality.
- Implemented robust **security** protocols to protect sensitive trade data, ensuring compliance with industry standards.
- Led the resolution of critical performance issues, achieving a 20% improvement in application speed and a 30% reduction in error rates.

Legacy Application Modernization:

- Modernized legacy systems by developing full-stack solutions with .NET Windows Forms for the UI and **C#** for backend functionality, reducing system latency by 35%.
- Designed and deployed APIs integrated with message queues (MQ), enabling real-time data exchange and seamless client-backend communication using **ASP.NET**.
- Enhanced scalability by refactoring codebases and adopting microservices architecture, supporting a 57% increase in transaction volume.
- Reduced manual testing efforts by 70% through the integration of automated testing frameworks into CI/CD pipelines.
- Delivered a critical business feature ahead of schedule, saving the organization over USD 290K in projected delays.

Data Analytics & Reporting Tools:

- Built dynamic data visualization dashboards for trade monitoring, empowering stakeholders to identify trends and anomalies in real time.
- Utilized Python and SQL for data analysis, reducing processing times by 51% and generating actionable insights.
- Enhanced forecasting accuracy by 20% through the implementation of predictive analytics features.

Risk Analysis and Compliance Dashboard:

- Developed a web-based dashboard to monitor compliance risks across trading operations, using **React for frontend and Spring Boot for backend**.
- Integrated APIs to fetch real-time data and visualize compliance metrics, improved decision-making speed by 30%.
- Utilized Elasticsearch and Kibana for indexing and advanced analytics, enabling efficient risk identification and tracking.
- Implemented role-based access control (RBAC) to ensure secure data visibility and management.
- Enhanced operational efficiency by reducing manual compliance reporting time by 50%.

Education

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