

PRABHAT SINGH

Senior Software Engineer

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PROFESSIONAL EXPERIENCE

PayU

Senior Software Engineer

12/2023 - Present

- **Designed and Launched a SaaS Solution:** Developed a robust SaaS platform that intelligently selects the best payment gateway based on success rates, significantly improving transaction efficiency and reliability for end-users.
- **Scalable System Architecture:** Architected a solution capable of handling 10 million requests per day, ensuring high performance and scalability during peak sales seasons and enhancing overall system robustness.
- **Real-Time Data Pipeline Engineering:** Created an efficient real-time data pipeline to distribute information across microservices, optimizing the central database load and enhancing system scalability and performance.

Recrosoft

Software Engineer

07/2022 - 11/2023

- **Developed International Order Features:** Spearheaded the design and implementation of international order delivery and exchange features, improving the global customer experience and expanding the platform's reach to international markets.
- **Engineered Microservices for Warehouse Management:** Leveraged Java, Spring Boot, and Hibernate to architect and deploy a suite of microservices for a Warehouse Management System on AWS, optimizing warehouse operations and system reliability.
- **Launched a Developer Testing Tool for Order Flows:** Developed an internal application to facilitate comprehensive testing of order flows by generating mock requests, enabling developers to simulate diverse scenarios and assess system performance throughout the order lifecycle.

HashedIn by Deloitte

Software Engineer II

10/2021 - 07/2022

- **Developed a Proxy Layer for Authentication and Authorization:** Engineered a robust proxy layer using MuleSoft and Spring Security to manage authentication and authorization of UI requests, enhancing security and ensuring secure access control for application users.
- **Designed HATEOAS-Driven REST APIs with Test-Driven Development:** Created intuitive and navigable HATEOAS-compliant REST APIs for the HCSC website, employing Test-Driven Development (TDD) with JUnit to ensure high-quality, reliable APIs.
- **Coordinated Cross-Functional Development Teams:** Led the coordination of deliverables across onshore and offshore development teams, optimizing collaboration and communication to ensure efficient project execution and timely delivery of project milestones.

Infosys

Systems Engineer

09/2019 - 10/2021

- Implemented containerized microservices using Docker on AWS to streamline the delivery of data to in-store kiosks for Walmart's Pharmacy division.
- Developed spring scheduler job for data set of 4 million while optimizing load on API and database hits.

Infosys

Systems Engineer Trainee

01/2019 - 05/2019

- Developed a log-checking system with multithreading to significantly reduce processing time and the need for manual interventions across different servers.
- Underwent comprehensive IBM Sterling OMS training, acquiring in-depth knowledge and skills in effectively utilizing the platform.

Education

SRM Institute Of Science And Technology

Computer Science Engineering

07/2015 - 06/2019

Army Public School

Intermediate

04/2014 - 03/2015

SKILLS

Tech Stack: Java • SpringBoot • JPA • Hibernate • NoSQL • Kafka • Microservices • AWS • Docker • Mulesoft • Junit • IBM Sterling

Awards

Hackathon - Won HUEX Product Expo conducted by Deloitte, by building an ecommerce delivery app.