

Satish Yadav

📍 Mumbai, Maharashtra, India ✉ satishyadav.ssy02@gmail.com 📞 7558757731 🌐 in/satish-yadav-ssy 📁 portfolio

SKILLS

Java | Spring Boot | Hibernate | JPA | Sql | MongoDB | AWS | Docker | **Kafka** | Git | GitHub | Unit Testing | Multithreading | CI/CD | Jenkins | **DSA** | Rest API | GraphQL | Linux | NoSql | **Algorithms** | OOPs | Lambda | SonarQube | Redis | keyDB | **Microservices** | Distributed Systems | **Backend** | Design Patterns | **Oracle** | **MySQL** | **Grafana** | **Prometheus**

EXPERIENCE

Software Engineer

NPST

December 2024 - Present, Bengaluru

- Spearheaded the development and **deployment** of [KGB INFI](#) and [KAGB Connect](#) mobile applications on the Play Store and App Store, enabling seamless digital access for end users.
- Launched **SEWA-Scheduler** which updates the [SEWA portal](#) every 10 minutes for successful and failed Transactions to update the government.
- Created a robust **metric tracking service** for the Mobile-Banking application that monitored over **1,000 daily user interactions**; this initiative enabled quicker resolution of service issues and enhanced user experience across the platform.
- Integrating **IMPS** for credit card bill payments. This initiative led to a 15% increase in transaction efficiency and provided users with a faster, more reliable payment option.
- Added **IRCTC component** for [Ai1 Application](#) of **Canara bank** and Engineered **SalesForce Integration**, enhancing the selling strategy for credit cards in banking institutions resulting in a **25% increase in sales efficiency** within the first quarter post-implementation.

Software Engineer

Quantum Edge

June 2023 - December 2024, Mumbai

- Played a key role in enhancing the **EKYC** services for **HDFC Bank**, streamlining the onboarding process for millions of consumers. This improvement led to a 35% increase in the efficiency of user verification, significantly improving the customer experience.
- Developed and optimized the PAN service API, enabling seamless integration for clients. This solution Improved service delivery, resulting in a **30% increase** in API adoption by businesses, ultimately driving higher user engagement and satisfaction.
- Directed the successful deployment of **EKYC** and **PAN** services on IBM WebSphere server; decreased maintenance time by 30 hours monthly, optimizing operational workflows and ensuring consistent service availability for end users.

Associate Software Engineer

Hexaware Technologies

August 2021 - May 2023, Mumbai

- Conducted thorough root cause analysis (RCA) of issues, **performed bug fixes**, and reviewed code to enhance system performance. Identified and resolved slowness issues, which led to a **40%** reduction in complaints and support tickets raised by HDFC Bank users.
- Spearheaded the cloud migration of the E-learning platform, resulting in a smoother transition and a **low-latency application**. This migration effort led to a **50%** reduction in user complaints and significantly improved the overall user experience.
- Created an Oracle script that successfully addressed course completion issues for over **100 users** on the **E-learning application**, contributed to simplify user satisfaction and resolved support workload.
- Led the successful **upgrade of the E-learning** platform from on-premise infrastructure to a cloud-based environment, improving **scalability, reliability**, and overall system performance.

PROJECTS

IRCTC Integrator

NPST - April 2024 - Sept 2024

- Designed and Transformed **scalable components** using load balancers and **microservice** architecture to distribute traffic efficiently.
- Deployed caching mechanisms for frequently accessed data, reducing database load and improving response times which improved system uptime **from 92% to 99.99%**, reducing downtime by **80% during peak hours**.
- Performed regular vulnerability assessments and applied necessary patches to eliminate risks which achieved compliance with industry-standard security protocols, **reducing security** incidents by **60%**.

Mobile-banking Service

NPST - January 2024 - Aug 2024

- Designed and implemented **IMPS** (Immediate Payment Service) transaction workflows for both **P2P** (Person-to-Person) and **P2A** (Person-to-Account) transfers.
- Used asynchronous processing to handle non-critical tasks in the background which **reduced average response time by 45%**, increasing system throughput by **30%**.
- Developed and deployed a comprehensive **beneficiary validation** system to ensure secure and accurate transactions.

EDUCATION

Master of Computer Applications - MCA

Manipal University Jaipur • April 2024 [**8.9 CGPA**]

Bachelor of Science in Information Technology

University of Mumbai • 2021 [**9.1 CGPA**]