Sparsh Duggal

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EDUCATION

JC BOSE UNIVERSITY OF SCIENCE AND TECHNOLOGY

Faridabad, India
B.Tech in Information Technology
2016-2020

DELHI PUBLIC SCHOOL MARUTI KUNJ

Gurugram, India

SKILLS

CONCEPTS
- Data Structures and Algorithms
- Object Oriented Programming
- Database Management Systems
- Design Patterns
- Microservice Architecture
- Agile Methodology and Scrum

LANGUAGES AND TECH
- Kotlin
- Java
- GoLang
- PostgreSQL
- MongoDB
- Spring Boot
- Hibernate
- Envers/JaVers
- C/C++
- Python
- Kubernetes
- JavaScript/TypeScript

TOOLS
- Bitbucket
- Jenkins
- Docker
- Kibana
- Metabase
- Elastic Search
- AWS

INTERESTS
- Reading
- Writing
- Online Gaming
- Music
- Playing Badminton

WORK EXPERIENCE

ZET (ONECODE)
Software Development Engineer - II

Java · MySql · Mybatis ·Spring Boot · Hibernate · AWS · PostgreSQL · MongoDB · Microservices ·
Bangalore | Dec 2023 - Present
- Working on a fintech platform that boasts the nation's largest agent network, facilitating seamless financial distribution..
- Implemented Observability throughout the application using Micrometer and Sleuth
- Revamped Customer Addition Journey by implementing state machine.

LEAPFINANCE
Software Development Engineer - I

Kotlin · Java · GoLang · PostgreSQL · MongoDB · Microservices · Spring Boot · Hibernate · AWS
Bangalore | Jan 2022 - Present
- Working on Edtech Platform to enable user's access to quality education to help them to move abroad.
- Empowered the business team with Bundle Infra, enabling customized products and diverse offerings, leading to increased customer satisfaction and business adaptability.
- Revamped Payment Solution, prioritizing code optimization, resulting in improved performance, functionality, and a seamless user experience.
- Heightened security with SonarQube vulnerability scans, key migration to VAULT,inter-service authentication, and Cybersierra best practices.
- Led the creation of the Mocktest(TestPrep) Microservice, boosting student skills with simulated exams and a 20% revenue surge.
- Engineered the Teacher Slot Booking System (SPOT) with ZOOM integration, streamlining teacher scheduling, enhancing educational accessibility which increased revenue by 15%.
- Launched ScheduleGenie, automating diverse class scheduling, reducing operational dependency from 5 to 1.
- Effortlessly migrated 4 services to Kubernetes, improving scalability, resilience, and resource efficiency.
- Incorporated Third Party Integrations which includes LEADSQAURED,BRANCH,SEGMENT,SLACK to push targetted sales.
- Teamed up with 2 colleagues to shift from a monolithic to microservices architecture, improving system flexibility and efficiency.
- Optimised Legacy Code to bring down Api response time by 30%.

SAMSUNG RESEARCH INSTITUTE
Engineer - I

Java · C++ · Kotlin · Git · MySQL · Perforce
Noida | September 2020 - Jan 2022
- Desgined and developed reject message implementation for Galaxy watch.
- Resolved around 250 user issues around Call Service Module.
- Refactored legacy code of Call Service to observer pattern.
- OS updates and support throughout the lifecycle of various phones, like the Samsung Galaxy A, M and S series.
- Integration and stabilization of Samsung Call Module.