Sparsh Duggal

+91-8527815660 | sparshduggal412@gmail.com
https://www.linkedin.com/in/sparsh-duggal/
Bangalore, Karnataka - 560087

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
• PostgreSQL
• MongoDB
• Spring Boot
• Hibernate
• JaVers
• C/C++
• Python
• Kubernetes

TOOLS
• Bitbucket
• Jenkins
• Docker
• Kibana
• Elastic Search
• AWS Cloud Watch

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

WORK EXPERIENCE

LEAPFINANCE
Software Development Engineer - I
Kotlin • Java • PostgreSQL • MongoDB • Microservices • Spring Boot • Hibernate
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 a versatile infra solution, enabling customized products with diverse offerings based on customer preferences. Resulted in increased customer satisfaction and business adaptability.
• Revamped payment solution, prioritizing code optimization, resulting in improved performance, functionality, and a seamless user experience.
• Elevated software security by proactively identifying vulnerabilities, implementing inter-service authentication, IP whitelisting, and collaborating with cross-functional teams to adhere to industry best practices.
• Designed and developed Mocktest(TestPrep) microservice which helped students to practice mock test for Ielts/Sat exam and this helped to increase our revenue by 20%.
• Architected and developed Teacher Slot Booking System(SPOT) which enables user's to book our teachers for Demos and masterclasses at their disposal.
• Created a portal from scratch to capture Teacher Availability and Auto Schedule (ScheduleGenie) our different types of classes reducing Ops dependency from 5 to 1.
• Incorporated Third Party Integrations which includes SLACK, YELLOWAI, BRANCH, ZOOM, LEADSQAURED to push targetted sales.
• Worked with a team of 2 to migrate from monolith to 2 microservices
• 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.

INTERNSHIPS

AUTOMATIC PHONE LOST DETECTION
Samsung Research Institute
Noida | January 2020 - September 2020
• Developed an application which mined user's smart phone usage data and build an algorithm to predict if the device is lost or not.
• Tech : Pycharm, Machine Learning, Data Manipulation, Data Interpretation, Python.