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
• 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 LeapScholar Edtech Platform to enable user's access to quality education
• Designed and developed Mocktest(TestPrep) microservice which increased the revenue by 20%.
• Designed and Developed Teacher Slot Booking System(SPOT) which enables user's to book our teachers for Demos and Masterclasses at their disposal.
• Designed and Developed a portal to capture Teacher Availability and Auto Schedule (ScheduleGenie) our different types of classes.
• Incorporated Third Party Integrations which includes SLACK, YELLOWAI, BRANCH, LEADSQAURED.
• Seperated a microservice from a monolith architecture.
• Optimised Code to bring down api response 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.

SUMMER INTERN | DATA VISUALIZATION
Maruti Suzuki India Limited
Gurugram | May 2018 - July 2018
Analyzing the data of the reused candidates being offered to the clients and deriving statistics and representing the final stats as charts, graphs and drop downs.