

Sparsh Duggal

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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.
- 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 the design and development of 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 our Ops person 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

- Designed 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.