

Shrutesh Jamulkar

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Work Experience

Samsung Research & Development Institute, Bangalore

Bangalore, India

Software Engineer

07/2021 - Present

- LTE System Manager (LSM) Project - In Management Software & Analytics Team
 - Engineered a full-stack JAVA spring-based LSM project, specializing in FM (Fault Module); executed agile development practices and delivered the project on time and under budget.
 - Contributed to Python selenium-based automation testing for the entire Element Management System (EMS) software.
- Samsung Software Competency Test (SWC) - Advanced Level

The Linux Foundation

Hyperledger Mentorship Program 2021 - Mentee

06/2021 - 12/2021

- Hyperledger - Implement cross chain contract invocation using ServiceMesh way
 - Implemented cross-chain contract interoperability between Hyperledger Fabric and Hyperledger Besu in the 'ServiceMesh' way.
 - Developed cross-chain smart contract on Solidity with a 2-phase Locking mechanism.
 - Engineered sidecar relay to facilitate the contract invocation in Java spring framework.

Zenithec Techware

Raipur, India

iOS Developer

04/2019 - 02/2021

- PetBro Business iOS Application
 - Made the complete PetBro Business iOS Application on MVVM Architecture with RxSwift support.
 - Used RxMoya as a Network Abstraction Layer and RxNuxe for image caching and displaying.
 - Published a library to overcome the issue of not hiding the keyboard when clicking on UIViewController.

Publications & Research Works

Blockchain-Based Digital Evidence Management System

07/2020 - 12/2020

Guide: Dr. Preeti Chandrakar (Assistant Professor) at NIT Raipur

- Proposed a digital evidence management system for legal cases to store digital evidence in Hyperledger Sawtooth using IPFS in PBFT consensus mechanism.

Echo Based Real-time Attendance System

08/2020 - 12/2020

Guide: Dr. Jairam Naik (Assistant Professor) at NIT Raipur

- Made an Echo-based attendance system with React GUI using Quiet Modem Project to take attendance of all the available listeners in one shot.

Education & Certifications

Masters of Science, Trinity College Dublin

Dublin, Ireland

Computer Science - Future Networked Systems

09/2022 - 08/2023

Bachelor of Technology, NIT Raipur

Raipur, India

Computer Science and Engineering

08/2017 - 05/2021

- Associate Android Developer - Google Developers
- Classical Cryptosystems and Core Concepts - Coursera

Technical Skills

Programming Languages:

Proficient in Java, Javascript/Typescript, Python

Familiar with C/C++, Swift, Kotlin, C#, SQL, Bash, Golang, Solidity, Ruby, Lua, Rust.

Web Technologies:

HTML/CSS/SCSS, Nodejs(MERN & MEAN Stack), Django/Flask, REST/GraphQL/gRPC/Web Sockets/MQTT, React(Redux/Mobx/Recoil.js) /Angular (NgRx)/ Vue.js / Java Spring

Mobile Technologies:

Native iOS(Swift)/Android(Java/Kotlin), React-Native(Cross-Platform), Flutter(Cross-Platform)

Databases and Message Queue Technologies:

MySQL, Postgres, MongoDB, Cassandra, Redis, InfluxDB, Prometheus, GraphDB, Apache Kafka, RabbitMQ