Shritesh Jamulkar

shritesh.sj@gmail.com || github.com/Shritesh99 || linkedin.com/in/shritesh99 || leetcode.com/rxshri99

Work Experience

Samsung Research & Development Institute, Banglore   Banglore, 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.
  - Created sidecar relay to felicitate 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.

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 - Present

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

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

Blockchain Technologies, and Others:
Ethereum Solidity, Hyperledger Fabric / Sawtooth / Firefly / Burrow / Besu, Unity3D.