

# Shritesh Jamulkar

## Passionate Developer

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## Work Experience

### Samsung Research & Development Institute, Bangalore

Bangalore, Karnataka

Software Engineer

07/2021 - Present

- LTE System Manager (LSM) Project - In Management Software & Analytics Team
  - Worked as a Full-Stack Developer in JAVA Spring-based LSM project, specifically in FM (Fault Module).
  - Contributed to Python selenium-based automation testing for the entire Element Management System (EMS) software.

### 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.
  - Developed sidecar relay to facilitate the contract invocation in Java spring framework.

### Zenithec Techware

Raipur, Chhattisgarh

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.

### Allsoft.co

Raipur, Chhattisgarh

Software Developer Intern

07/2019 - 09/2019

- GFI Auction
  - Worked on GFI Auction project based on Angular Frontend framework.
  - Integrated NgRx Store to provide reactive state management.

## Research Works

### Cross-Chain Contract Invocation with Hyperledger Firefly

01/2023 - Present

In Collaboration with Nikos Kapsoulis (PhD. candidate at National Technical University of Athens)

- Proposed a cross-chain invocation methodology with Hyperledger Firefly supernode.

### 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 using Quiet Modem Project to take attendance of all the available listeners in one shot.

## Education & Certifications

### Masters of Science, Trinity College Dublin

09/2022 - Present

Computer Science - Future Networked Systems

### Bachelor of Technology, NIT Raipur

08/2017 - 05/2021

Computer Science and Engineering

Cumulative Performance Index: 7.68/10

Final Semester's Performance Index: 9.27/10

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