

# Shritesh Jamulkar

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## Work Experience

### THG - The Hut Group

Graduate Software Engineer

Manchester, UK  
11/2023 - Present

- Stockmanager and Tyche Project - In Stock and Availability Team
  - Contributed to the design of various microservices of the entire THG's ecosystem.
  - Refactored various JAVA's Spring-based microservices to support new and old APIs for seamless upgradation and integrations.
  - Worked on Agile principles to handle various tickets by resolving them from preprocessing to coding to testing(both unit and integration) and finally documentation.
  - Automated deployment workflows using CI/CD tools like Jenkins, GitLab CI, or GitHub Actions.
  - Refactored various Angular-based sites for newer APIs.

### Samsung Research & Development Institute, Bangalore

Software Engineer

Bangalore, India  
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.

### Zenith Techware

iOS Developer

Raipur, India  
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

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

07/2020 - 12/2020

- 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

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

08/2020 - 12/2020

- 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

Computer Science - Future Networked Systems

Dublin, Ireland  
09/2022 - 08/2023

### Bachelor of Technology, NIT Raipur

Computer Science and Engineering

Raipur, India  
08/2017 - 05/2021

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