

# Shritesh Jamulkar

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## Work Experience

### THG - The Hut Group

Graduate Software Engineer

Manchester, UK

11/2023 - Present

- Stockmanager and various other microservices - In Stock and Availability Team
  - Worked extensively with Spring and Angular frameworks to deliver scalable front-end and back-end solutions, including developing user-friendly UIs and robust services with over 90% unit test coverage.
  - Moved legacy Tomcat-based servers to a Kubernetes-based architecture and designed Jenkins pipelines for a seamless deployment process, reducing manual jar deployments. This improved deployment time from 30 minutes to 10 minutes using Docker-based containerized deployment.
  - Worked with Microsoft SQL Server, CockroachDB, and CouchDB (SQL & NoSQL). Reduced database overheads by migrating legacy queries to batched queries, significantly decreasing application crashes and reducing query wait times by 40%.
  - Led 3+ key client integrations for warehouse management, resolving stock discrepancies and providing hypercare support for resolving complex issues, while ensuring on-time delivery and smooth collaboration across various teams.

### Samsung Research & Development Institute, Bangalore

Software Engineer

Bangalore, India

07/2021 - 10/2023

- 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.

## 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

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