Shritesh Jamulkar
Passionate Developer

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

Education

Bachelor of Technology, NIT Raipur   **2017 - Present (Expected 2021)**
Computer Science and Engineering
Current CPI (after 6 semesters) - 7.13/10

Sri Sankara Vidyalaya (HSC)   **04/2015 - 04/2017**
Intermediate +2
Percentage: 80%

Interests

- Blockchain Technology
- Parsers and Parser Technologies
- Reactive(Rx) Programming

Research Work

Blockchain Based Digital Evidence Management System   **07/2020 - Ongoing**
Guide: Dr. Preeti Chandrakar (Assistant Professor)
- Proposed a digital evidence management system for legal cases to store digital evidence in Ethereum Blockchain Network using IPFS.

Experience

Zenithec Techware - iOS Developer   **04/2019 - Present**
- PetBro Business iOS Application
  - Made a complete PetBro Business iOS application from scratch.
  - Complete Application is built on MVVM Architecture with RxSwift support.
  - Used RxMoya as a Network Abstraction Layer and RxNuxe for image caching and displaying.

Allsoft.co - 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.

Key Projects

Airport-Licensing DAPP
A dApp for creating and managing Aerodrome Licensing using Hyperledger Fabric.

dEmergency
A decentralized SOS triggering service for medical emergencies.

Open Journal
A decentralized platform for researchers to publish their work with fellow researchers and also review works of other researchers to ensure trust and transparency between all the researchers.

dOrgans

A blockchain based dApp in which if a person needs an organ he can register on the platform and wait until a cadaver organ(organ from a person who is dead and willing to donate his organs) is available, all this data will be stored on ethereum based smart contract so that this sensitive information is tamper proof.

Smart Elections
Elections Based on Decentralised Ethereum Blockchain Network.

Lua Parser + Interpreter
A Lua Parser + Interpreter using LPegLabel with an error recovery mechanism.

HideKeyboardWhenTappedAround(iOS)
A small Swift Library for hiding keyboard when the user tapped anywhere in UIViewcontroller.

CG Tourism App
A Cross - Platform application for Chhattisgarh Tourism Board built using React-Native.

Open Source Contributions

Open Food Facts Organisation - Open-Food-Facts Android Application

AnitaB Organisation - Mentorship Android Application

ScoreLab Organisation - Massa - Mobile Accessible Social Sharing Agent

Position of Responsibility

Tech Lead, Technocracy - Technical Committee of NIT Raipur   **01/19 - Present**
- Aavartan Android Application
  - Redesigned UI of previous year's Application and fixed various bugs.
- Kleos2k18 Android Application
  - Made the backend and Android App from scratch.

Technical Skills

Programming Languages
Proficient in Java, Swift, Javascript/Typescript.
Familiar with C/C++, Python, Kotlin, C#, SQL, Bash, Solidity, Ruby, Lua, Rust.

Web Technologies:
HTML/CSS/SCSS, Nodejs(MERN & MEAN Stack), Django/Flask, Graphql/REST, React (Redux/Mobx) /Angular (NgRx).

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

Blockchain Technologies, Cloud/Deployment Platforms and Others
Ethereum Solidity, Hyperledger Fabric, GCP, AWS, IBM Cloud Platform, Digital Ocean, Vercel, Netlify, Git, Firebase, Docker/Kubernetes, Unity3D.

Talks and Bootcamps

Conducted a Bootcamp at Facebook Developer Circles Raipur on Blockchain based Decentralized Application development in Ethereum Blockchain.

Achievements
- Winner: Codeutsava 4.0 Hackathon in Blockchain track.
- Winner: Codeutsava 3.0 Hackathon in Blockchain track
- Winner: Application Development contest held IIIT Raipur.
- Finals: Smart India Hackathon 2020.
- Finals: Smart India Hackathon 2019.