

# Shritesh Jamulkar

## Passionate Developer

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## 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 Hyperledger Sawtooth using IPFS in PBFT or PoET consensus mechanism.

## 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 / Sawtooth / Sawtooth-Seth / Burrow, 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.