

# Sagar Parker

Full-Stack Software Engineer

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## WORK EXPERIENCE

### Software engineer

Frshr Technologies

10/2020 - 06/2021

Information Technology & Services - ( Part-time )

Achievements/Tasks

- Contributed as a Full Stack Developer ( **MEAN stack** ).
- Provided the Android/iOS team with secure APIs with robust exception handling and **JWT authentication**.
- Developed responsive frontend applications with frameworks like **Angular & Bootstrap**.
- Implemented **AWS S3** in the backend architecture of a social media application which resulted in faster media loading speeds and **reduced the storage cost by 30%**.
- Ensured the secure deployment of the web applications on **AWS ( EC2 / RDS ), DigitalOcean and Heroku**.
- Contributed to the development of a **National award (DRDO)** winning product AIRcognize.

Contact: Sanket Koli ( Front-End Lead ) - kolisanket15@gmail.com

### Software developer intern

Frshr Technologies

06/2020 - 09/2020

Information Technology & Services - ( Full-time )

Achievements/Tasks

- Developed websites with Angular, Node.js, Knex and PostgreSQL ( **PEAN** ) stack.
- Worked on the backend architecture of a security product named PrimeID which is used to **verify users' identity** with state-of-the-art verification technologies like **Passbase**.
- Contributed to the development of an **online code editor** named CodeQuarks.

Contact: Sanket Koli ( Front-End Lead ) - kolisanket15@gmail.com

## EDUCATION

### M.Sc - Computer Science

Ramnarain Ruia College

2020 - 2022

9.50 CGPA ( Current )

Main Subjects

- Blockchain technologies
- Data Science
- Analysis of algorithms
- Cyber Security

### B.Sc - Computer Science

Ramnarain Ruia College

2020

7.56 CGPA

Main Subjects

- OS, DBMS
- Computer Networks
- Software engineering
- Data structures, OOP

## SKILLS

Javascript

Java

Dart

Solidity

Python

Node.js

React

Flutter

Angular

Web3

React Native

Git

HTML / CSS

PostgreSQL

MongoDB

Data Structures & Algorithms

OOP

AWS

DigitalOcean

Heroku

## ACHIEVEMENTS

5 Star ( HackerRank ) - Java & JavaScript

## PROJECTS

Collective - ( Flutter, Node.js, Ethereum )

- Developed an **equity crowdfunding mobile app** using Flutter which is managed by smart contracts deployed on **Ethereum blockchain network**.
- Created a platform exclusive **ERC20 token** named Collective token ( CTV ) which can be used by the users to invest into camps on the platform in exchange of equity.
- Deployed **solidity smart contracts** on ethereum using **truffle** and executed in-depth testing of the same using **Mocha and Assert**.
- Engineered a robust **Node.js** backend with **MVC** architecture and hosted it on **AWS EC2** along with **NGINX reverse proxy**.

VoterChain.com - ( React, Node.js, Blockchain )

- Developed a **decentralized voting system** by implementing core blockchain concepts, React and Node.js.
- Integrated **Socket.io** to create a **blockchain network** to exchange data between nodes and validate the transactions.
- Implemented **OTP verification** to verify the identity of the voter.

KrishiGruha - ( React native, Hedera Hashgraph )

- Developed a mobile platform for users to buy or sell the best **agricultural produce online** at the best prices **with crypto**.
- Integrated **Hedera hashgraph SDK** into the project which made payment with cryptocurrency ( **HBAR** ) possible.
- Created a robust Node.js backend with **JWT authentication** for the react native app and hosted it on **Heroku**.

## CERTIFICATES

Ethereum and Solidity - The complete guide (09/2021)

Udemy - [Certificate Link](#)

Mastering Data Structures and Algorithms (09/2021)

Udemy - [Certificate Link](#)

Flutter & Dart the complete guide (05/2021)

Udemy - [Certificate Link](#)

Python bootcamp (01/2020)

Udemy - [Certificate Link](#)

Web-development bootcamp (05/2019)

Udemy - [Certificate Link](#)