

# Krishna Mahato

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## EDUCATION

- **ITER, Siksha O' Anusandhan University - Bhubaneswar, Odisha** | 9.55 CGPA | 2020 - 2024
- **St. Mary's English High School - Jamshedpur, Jharkhand** | 88.6% | 2018 - 2020
- **Central Public School - Jamshedpur, Jharkhand** | 93.6% | 2008 - 2018

## WORK EXPERIENCE

### Google Summer of Code'22 Student - FOSSology Workgroup

MAY 2022 - SEPT 2022

- Worked on the [FOSSologyUI](#) and [fossology](#) backend project.
- Outlined modern UI techniques and introduced new pages to the UI project.
- Exposed the native functionalities of **fossology** as REST API services.
- Participated in code reviews and bug fixes.
- Here is my [final work report](#).

### Full Stack Analyst - NonceBlox Private Limited

FEB 2022 - MAY 2022

- Worked on multiple blockchain projects like [ArcadeNetwork](#), [NiftyPays](#), [Encryptus](#), [AsuraVerse](#) etc.
- Was responsible for managing the frontend, backend, and integration of web apps with blockchain services.
- Was involved in developing core features for the products, writing tests, bug fixes, and proposing continuous improvements.

### Software Development Engineer Intern - Precily Inc. R&D Company

NOV 2021 - FEB 2022

- Handled both frontend and backend of their main product [DataNeuron](#).
- Developed a billing and accounting module from scratch.
- Added support for handling multiple users in a single project.

## PROJECTS

### Ekaci

- **Tech stacks used** - React.js, Express.js, MongoDB, Blockchain, Computer Vision, Flask
- All in one platform for farmers, insurance companies and the government to track claims made upon insurance policies.
- Implemented a **3-Tier architecture** to tackle three different problem areas. (Web, Blockchain and Machine Learning)
- **Features** - farmers apply for multiple insurance policies, claim status tracking, crop damage prediction, data monitoring, etc.

### Ninja Assist

- **Tech stacks used** - Arduino, Express.js, Johnny Five, Twilio Voice API
- Developed an IoT-based solution that eased patients to connect with their caretakers.
- It's an arduino-based assistant that calls the patient's caretakers in case of any emergency like low blood pressure, fast pulse rate, etc.

### Road Rakshak

- **Tech stacks used** - React.js, Express.js, MongoDB, Redux, Socket.io, React-Native, MapBox
- Crowdsourced application for road-safety.
- Provides accurate information to the public about where they might face any trouble on their way.
- Exact location and distance from the site (potholes, open manholes, etc.) will be notified to them, through an application in real-time while driving.

### Shop Town

- **Tech stacks used** - React.js, Tailwind CSS, Firebase RealtimeDB
- It is a portal where you can look for businesses registered around you (if any), in the range of 2KMs.
- One can create their business account and create an online shop.
- Users can also give reviews to other businesses around them.

## AWARDS

- **1st Runners Up:** Smart Odisha Hackathon 2022 by **Make in Odisha Conclave**
- **1st Runners Up:** UPES-CSI Hackathon 5.0
- **1st Runners Up:** Safe RohTech Challenge organized by **WRI India & Nagarro**
- **2nd Runners Up:** hackCOVID 2.0 by **HackerEarth**
- **2nd Runners Up:** CWC Gear-up

## SKILLS

- **Frontend:** HTML, CSS, React.js, Typescript, Redux, TailwindCSS, Ant Design, Next.js, React-Native, Redux Toolkit, Zustand
- **Backend:** Node.js, Express.js, Mongoose.js, Socket.io, Spring Boot
- **Technologies:** Docker, Git & Github, MongoDB, Firebase, MySQL, NoSQL, RESTful APIs, Stripe, PM2, Web3 Integrations
- **Languages:** C++, Java, Javascript, Python

## VOLUNTEERING EXPERIENCE

- **Back End Lead @GDSC - ITER - Bhubaneswar, Odisha** | AUG 2022 - PRESENT
- **Technical Lead @Hack Club ITER - Bhubaneswar, Odisha** | SEPT 2021 - PRESENT
- **Sales and Marketing Intern @Aashman Foundation - Panchkula, Haryana** | MAY 2021 - AUG 2021