

Suraj Jha

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EDUCATION

BTech. Information Technology and Engineering with Honors in Blockchain

Pune, IN | Jun 2024

PIMPRI CHINCHWAD COLLEGE OF ENGINEERING | CUM. GPA: 9.35/10

WORK EXPERIENCE

CODECHEF | EDUCATOR

Bangalore, India | Jan 2022 – present

- Helped **1000s** of participants by creating **100+** video editorials for the problems appeared in CodeChef's competitive programming contests.

CLOUDBLOQ | SOFTWARE ENGINEER INTERN

Bangalore, India | Feb 2022 - Apr 2022

- Enhanced User Authentication Flow, Implemented Analytic Viewer.
- Fixed various bugs in many business critical features. Primarily used **NodeJs, ReactJs, SCSS, Redux-Saga**.

MYTHVIEW | FREELANCE BACKEND ENGINEER

Mumbai, India | Jun 2021 – Dec 2021

- Implemented User Authentication System, Multi-Account (Personal & Community), Likes and infinitely nested comment on users post, News-Feed generation from followed accounts.
- Worked with **NodeJS, ExpressJS, Cloud Firestore, GraphQL, Cloud Storage, Stoplight Studio**

PROJECTS

CERTIFIER DAPP - ETHEREUM BLOCKCHAIN 

github.com/jhasuraj01/certifier-dapp

- Built Ethereum Blockchain based Dapp with features - Signin with Ethereum Wallet (MetaMask), Issue New Certificate, Update Issued Certificates, Verify Issued Certificates, Track Change history of Issued Certificates
- Technology used **Ethers.js, Truffle, Solidity, Ganache, React.js, React Router**.

MEDISTORE - INVENTORY MANAGEMENT 

medistore.jhasuraj.com | github.com/jhasuraj01/medistore

- Developed Full Stack Project with **Apollo GraphQL, Express.js, Firestore Database, React.js, Redux Toolkit, SCSS, TypeScript**
- Implemented Organization Management, Stock Management, Customer Billing, Invoice Generation and Verification

ANORCLE NOTES 

notes.anorcle.com

- Created UI&UX, **Database Modeling**, REST API, Single Page Web App, Custom Routing, **Client Side Cryptography**, Local Backup in **IndexedDB**. Achieved **100% Light House Performance Score**.

DSA - NPM PACKAGE 

npmjs.com/package/@anorcle/dsa | github.com/anorcle/dsa | anorcle.github.io/dsa

- Applied **OOP** and **DSA** to implement generalized **STL Containers** for Web Based Project in **TypeScript** and published on **NPM**.
- Automated **Unit Testing** with **GitHub Workflow & Jest** achieving **96.74% Lines & 95.97% Statements Coverage Report**.

ACHIEVEMENTS

- 4 Star** on CodeChef (Max: **1841**) , **Specialist** on Codeforces (Max: **1449**) and **Knight** at LeetCode (Max: **2002**)
- ICPC Asia West** Amritapuri-Bangalore and Mathura-Kanpur, 2022-23, **Regionalist (Top 100 in India)**
- Finalist (Rank: 66/100k)**, IICC - Innovate India Coding Championship by **AICTE, Chandigarh University** and **Coding Ninjas**
- Finalist (Top 25 in India)**, Smart Pune Health Hackathon by **Pune Smart City Development Corporation, PMC, Oasys & I²IT**

SKILLS

Languages: C++, Python, TypeScript, JavaScript, Java, Solidity

Databases: DynamoDB, Firestore, MySQL, MongoDB

Tech Stack: Ethereum Blockchain, Git, AWS Serverless, Firebase, React.js, Next.js, Lit

EXTRACURRICULAR

Leadership: President, Newton School Coding Club, PCCOE

MOOC: Become a Blockchain Developer, Algorithms on Graphs, Data Structures, Algorithmic Toolbox, Google Cloud Training,

Research Papers: Ambient Lighting, Autonomous Light

Open Source: Desgen, Feminist Bible, Girsript Community Website, ML Glossary