Suraj Jha

contact@jhasuraj.com | +919167451051 | linkedIn/jhasuraj01 | github/jhasuraj01 | jhasuraj.com

EDUCATION

BTech. Information Technology and Engineering   Pune, IN | Jul 2020 - Jun 2024
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING | CUM. GPA: 9.15/10

BTech. Hons. Blockchain Technology   Pune, IN | Jul 2022 - Jun 2024
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING | CUM. GPA: 9/10

WORK EXPERIENCE

CYPHEROCK | FULL STACK DEVELOPER INTERN   Remote, IN | Aug 2023 – Present
- Working with Cypherock X1 hardware wallet & adding new features in cySync Desktop App (Electron React App).
- Developed AI-powered automation tools for the sales team to identify potential customers with **85% success rate**.
- Enhanced company website by adding new features, improving the design, fixing bugs, and creating 4 new pages.

BARCLAYS | PRODUCT TECHNOLOGY, SUMMER INTERN   Pune, IN | Jun 2023 – Aug 2023
- Developed Synchronous and Asynchronous APIs using AWS Lambda, API Gateway, S3, SNS, SES, State Machine, Event Bridge, AWS X-Ray, AWS Cognito, Cloud Formation, DynamoDB, and Java Spring Boot handling **10k req/sec**.
- Implemented end-to-end traceability and logic to catch and notify errors in a live environment.

CODECHEF | EDUCATOR   Remote, IN | Jan 2022 – May 2023
- Recorded **130** video editorials for CodeChef's contest problems generating more than **300k views** on YouTube.

PROJECTS

CERTIFIER DAPP - ETHEREUM BLOCKCHAIN ☑   github.com/jhasuraj01/certifier-dapp
- Built Ethereum Blockchain based Dapp in a team of 2 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 5 modules - Organization and 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**.

FILEPAD: FILE EXPLORER & EDITOR ☑   jhasuraj.com/filepad | github.com/jhasuraj01/filepad
- Built using React and Typescript, adhering to the principles of clean architecture for improved code structure and testability.

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, Java Spring Boot

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**)
- **Data Structures and Algorithms:** Solved **800+** Problems on various platforms like Leetcode, CodeChef, GeeksForGeeks
- **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** & **I^{2}IT**