

Suraj Jha

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EDUCATION

BTech. Information Technology and Engineering

PIMPRI CHINCHWAD COLLEGE OF ENGINEERING | CUM. GPA: 9.11/10

Pune, IN | Jul 2020 - Jun 2024

BTech. Hons. Blockchain Technology

PIMPRI CHINCHWAD COLLEGE OF ENGINEERING | CUM. GPA: 9.27/10

Pune, IN | Jul 2022 - Jun 2024

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**.

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

MULTI-SIGNATURE WORKFLOW ON BLOCKCHAIN

github.com/jhasuraj01/multisigx

- Built no-code platform to deploy smart contract with custom multi-signature workflow using directed acyclic Rule Graph.
- Wrote Multi-Signature Approval and Rejection Algorithm for RuleGraph in Solidity and Designed RuleGraph JSON Schema.
- Used PNPM Workspace, Web3.js, WalletConnect Protocol, Solidity, Typescript, Vitest Unit Testing, OCLIF.

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)**
- Best Student Outgoing, Batch 2024**, Pimpri Chinchwad College of Engineering, Pune
- 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
- Research Paper:** Certifier Dapp - Decentralized and Secured Certification System Using Blockchain