# Suraj Jha

surajsjjha@gmail.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

**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.
- Implemented end-to-end traceability and logic to catch and notify errors in a live environment.

**CODECHEF** | Educator  Remote, IN | Jan 2022 – May 2023
- Helped **1000s** of participants by creating **130** video editorials for the problems that appeared in CodeChef's competitive programming contests.

## 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**)
- **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**

## 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, Girscript Community Website, ML Glossary