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: 9.31/10

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/aachal01/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

- **Competitive Programming: 4 Star** on CodeChef (Max Rating: **1938**) and **Pupil** on Codeforces (Max Rating: **1285**)
- **Data Structures and Algorithms:** Solved **700+** Problems on various platforms like Leetcode, CodeChef, GeeksForGeeks
- Finalist, IICC - Innovate India Coding Championship by **AICTE**, **Chandigarh University** and **Coding Ninjas**. Rank: **66/100k**

SKILLS

Languages: C++, Python, TypeScript, JavaScript, Java, Solidity **Databases:** DynamoDB, FireStore, MySQL, Mongol
Tech Stack: Ethereum Blockchain, Git, AWS Serverless, Firebase, React.js, Next.js, Lit

EXTRACURRICULAR

MOOC: Algorithms on Graphs, Data Structures, Algorithmic Toolbox, Google Cloud Training, AWS Cloud Practitioner Essentials
Research Papers: Ambient Lighting, Autonomous Light
Open Source: Desgen, Feminist Bible, Girscript Community Website, ML Glossary