

Suraj Jha

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EDUCATION

BTech. Information Technology and Engineering with Honors in Blockchain
PIMPRI CHINCHWAD COLLEGE OF ENGINEERING | CUM. GPA: 9.31/10

Pune, IN | Jun 2024

WORK EXPERIENCE

CODECHEF | EDUCATOR

Bangalore, India | Jan 2022 – present

- Helped **1000s** of participants by creating **80+** 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**.

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**.

SUDOKU GAME

jhasuraj.com/sudoku | github.com/jhasuraj01/sudoku

- Applied Concept of **Randomized Backtracking** to generate unique sudoku.
- Worked on React **State Management**, Multiple Theme, Responsive UI and Developed in **TypeScript, React.js, Redux, SCSS**

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: **1275**)
- Data Structures and Algorithms:** Solved **500+** 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, MongoDB

Tech Stack: Ethereum Blockchain, Git, AWS, GCP, ReactJS, NextJS, 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, Girsript Community Website, ML Glossary