

# 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 **70+** 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

**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**.

**EVENT CERTIFICATION** 

eventspccoe.web.app | eventspccoe.web.app/issac-phy-portal

- Implemented Google Login, Certificate PDF Generation and Distribution, Certificate Verification, Students and Faculties Feedback Collection for Issac Physics Event.
- Technology used **ReactJs, Cloud Firestore, Cloud Storage, Google Apps Script, Canva**.

## 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

## SKILLS

**Languages:** C++, C, Python, TypeScript, JavaScript, Java

**Tech Stack:** Git, AWS, GCP, ReactJS, NextJs, Lit, HTML/CSS

**Databases:** DynamoDB, FireStore

## 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