

# Suraj Jha

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## EDUCATION

**PIMPRI CHINCHWAD  
COLLEGE OF ENGINEERING**  
BTech INFORMATION TECHNOLOGY  
June 2024 | Pune, IN  
Cum. GPA: 9.51 / 10.0

## LINKS

LinkedIn: [@jhasuraj01](#)  
CodeChef: [@jhasuraj](#)  
Codeforces: [@jhasuraj01](#)  
Leetcode: [@jhasuraj01](#)  
Github: [@jhasuraj01](#)  
Website: [jhasuraj.com](#)

## SKILLS

### PROGRAMMING

Languages

TypeScript • JavaScript

C/C++ • Python • Java

Web Backend

NodeJs • Express • GraphQL • REST

Web Frontend

React.js • Next.js • Redux • Lit • SCSS

### CLOUD

AWS

CloudFront • APIGateway • Lambda  
Dynamodb • AppSync • S3

GCP

App Engine • Cloud Functions

AppsScript • Firestore • Cloud Storage

### TOOLS

WebPack • Figma • Git/GitHub

Heroku • Vercel • Stoplight Studio

## 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

## EXPERIENCE

### CODECHEF | EDUCATOR

Jan 2022 - Present | Bangalore, India

- Created 50+ video editorials for problems appeared in CodeChef's competitive programming contests.

### CLOUDBLOQ | SOFTWARE ENGINEER INTERN

Feb 2022 - Apr 2022 | Bangalore, India

- Enhanced User Authentication Flow, Implemented Analytic Viewer.
- Worked on various bugs in many business critical features. Primary used **NodeJs, ReactJs, SCSS, Redux-Saga**.

### MYTHVIEW | FREELANCE BACKEND ENGINEER

June 2021 - Dec 2021 | Mumbai, India

- Implemented User Authentication System, Multi-Account (Personal & Community), Likes and infinitely nested comment on users post, News-Feed generation from followed accounts.
- Primarily used **NodeJS, ExpressJS, Cloud Firestore, GraphQL, Cloud Storage, Stoplight Studio**

## PROJECTS

### ANORCLE NOTES | UIUX DESIGNER & FULL STACK ENGINEER

[notes.anorcle.com](#)

- Worked on 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 | PERSONAL PROJECT

[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.
- Majorly used **TypeScript, React.js, Redux, SCSS**

### DSA - NPM PACKAGE | PERSONAL PROJECT

[npmjs.com/package/@anorcle/dsa](#) | [github.com/anorcle/dsa](#)

- Applied **OOP** and **DSA** concepts to implement reusable and generalized **STL Containers** for Web Based Project and published on **NPM**.
- Automated **Unit Testing** for all containers with **GitHub Workflow**.
- Used **TypeScript, Jest, TypeDoc, ESLint**

### EVENT CERTIFICATION | UIUX DESIGNER & BACKEND ENGINEER

[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: 1890

Dec 2021 **140<sup>th</sup>**/16989

Nov 2021 **Pre-Elimination** Round

Nov 2021 **71<sup>st</sup>**/19589

Newton's Coding Challenge

CodeChef SnackDown 2021

CodeChef Long Challenge (Div 3)