Suraj Jha

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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

ACHIEVEMENTS

Competitive Programming

4 Star on CodeChef, Max Rating: 1890
Pupil on Codeforces, Max Rating: 1275

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

EDUCATION

PIMPRI CHINCHWAD COLLEGE OF ENGINEERING, PUNE
BTech Information Technology | Honors Blockchain Technology
July 2020 - June 2024 | Cum. GPA: 9.37 / 10.0

EXPERIENCE

CODECHEF | Educator
Jan 2022 - Present | Bangalore, India
- Created 60+ 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.
- Fixed various bugs in many business critical features. Primarily 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.
- Worked with **NodeJS**, **ExpressJS**, **Cloud Firestore**, **GraphQL**, **Cloud Storage**, **Stoplight Studio**

PROJECTS

ANORCLE NOTES | UIUX Designer & Full Stack Engineer
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 | 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.
- Developed in **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 in **TypeScript** and published on **NPM**.
- Automated **Unit Testing** with **GitHub Workflow** & **Jest** and achieved 96.74% Lines & 95.97% Statements **Coverage Report**.

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**.