

# HARSHIT SAINI

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Delhi, India

Portfolio

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## EXPERIENCE

### Software Engineer - Full time

(Rupyy (CarDekho))

July 2023 – pursuing Gurugram, India

- Worked on Rupyy Pulse Platform with the help of Nestjs and Nextjs.
- Developed backend APIs using Nestjs and PostgreSQL as database.
- Worked with the frontend team to implement analytics event, helped in improving the site traffic increasing by 30% and implemented features on the frontend using typescript and ReactJs.

### Software Engineer - Intern

(NeyX Tech)

February 2022 – April 2022 Remote

- Collaborated with Front-end developers to integrate user-facing elements.
- Developed Various route pages using ReactJs, MaterialUI, HeadlessUI and React Pop-up library.
- Worked with the Dashboard team to implement Various Webpages and helped in improving the rendering by 80% and correcting bugs in the main website.

### Teaching Assistant - Intern

(Coding Ninjas)

August 2021 – Dec 2021 Delhi, India

- Mentored over 100+ students in Data Structures and Algorithms.
- Helped and Mentored students in understanding any topic, approach or any issue with the code logic.
- Resolved more than 1250+ doubts of students during the tenure.

## TECHNICAL SKILLS

### Languages

- Java (proficient), Data Structures, Algorithms, JavaScript, Typescript

### DATABASES

- SQL, PostgreSQL

### Frameworks

- ReactJS, Figma, Nestjs, Nextjs

### Others

- OOPS, Machine Learning, DBMS, Jupyter Notebook, AWS

## EDUCATION

### Bachelor of Technology (Information Technology)

Maharaja Agrasen Institute Of Technology

2019- 2023 Delhi

- CGPA: 9.5/10

## ACHIEVEMENTS

- Solved 600+ problems related to Data Structures and Algorithms on platforms like leetcode, geeks for geeks and pepcoding portal. (Leetcode profile)(Nados profile)(Gfg profile)
- Bagged National Rank 2651 and College Rank 12 in Code Kaze Coding Challenge 2022 organized by Coding Ninjas among 200000+ participants.
- Bagged All over world rank 2601 and 860 in India in (Google HashCode 2022.)
- Earned 5-star Rating on Hacker Rank in Problem Solving and C++. (HackerRank profile)
- Completed various quests and earned many skill badges in the Cloud Infrastructure track (QwikLab Profile).

## PROJECTS

### Software Fault Prediction (Link)

- This is a machine learning project, that explored the effectiveness of six nature-inspired algorithms, namely Ant Colony, Particle Swarm Optimization, Firefly, Bat, Harris Hawks, and Genetic Algorithm, for software fault prediction.
- Evaluated the algorithms using three commonly used datasets, JM1, CM1, and PC1 and obtained optimised results.
- Published two Research papers in (IRE and IJMASRI) journals.
- Tech Stack- Machine Learning, Nature Inspired Algorithms, Jupyter Notebook

### Crowd Crown (Link)

- An Solidity-Ethereum based WebApp built using React. This Application is a mock-up of Kickstarter using Blockchain and smart contracts.
- Tech Stack- Solidity, Web3.js, ReactJS, Metamask, Javascript, Infura API (For Developers).

### Typing Press (Link)

- Made a Responsive Website where one can test his/her typing speed by taking a test of 60 seconds. At the end, screen will show words per second entered by the user.
- Integrated with my newsletter, Deployed using the Heroku App.
- Tech Stack- ReactJS, Bootstrap, HTML, CSS, JS, API.

## POSITION OF RESPONSIBILITY

### Brand Ambassador (TuteDude)

- Helped the Company in enhancing Marketing strategies and helped the Company to grow.
- Worked for 3 months and used analytics tools to help the company grow.

### IEEE MAIT (Web Developer And Designing Lead)

- Technical Society of MAIT, Made various Posters, banners and handled changes on the Official site.

### TEAM HEAD -LEADERS FOR TOMORROW

- Appointed as Team Head and managed team of 12 members for social events held by LFT.