

# ROHAN SHARMA

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## Education

**Delhi Technological University, Delhi (formerly DCE), India**

**2020 - 2024**

- Production & Computer Engineering | CGPA: **9.02**

## Skills

- **Programming & Frameworks:** JavaScript, Python, Java, NodeJS, Typescript, ReactJS, NextJS, Solidity, C/C++, SaSS, MUI
- **Database & Cloud Technologies:** MongoDB, MySQL, OpenSearch, PostgreSQL, Mongoose, Prisma, Redis, Docker, Azure Blob Storage, AWS S3, Azure ML Studio, Power BI, Drizzle ORM, Google Cloud Platform, Mapbox
- **Development Tools & Infrastructure:** Git, Linux, PM2, OpenAI Assistants, New Relic, Mezmo, Azure DevOps(CI/CD)

## Work Experience

**Goodspace - AI-Powered Recruitment Platform** | Full Stack SDE Intern

**Jan 2024 - Present**

- Developed an **AI-driven resume parser** using Python, **spaCy**, **transformers**, **CUDA**, and **PyTorch**, reducing processing time from **12s to 1s** per resume, trained on **100,000+** resumes with **NVIDIA Tesla V100 GPUs**.
- Engineered a data embedding script for over **6 million** records using **Voyage-large-3b-instruct**, achieving **10,000 docs/second** insertion speeds into MongoDB and OpenSearch, enhancing search capabilities.
- Integrated payment gateways including **CCAvenue**, **Stripe**, and **Razorpay**, enhancing transaction security; automated communications via **Mailjet**, **Firebase**, **Gallabox**, and **Resend** boosting user turnout and payment success by 30%.
- Led development of an AI interviewer platform, **fine-tuned Llama3-8B** model **reducing latency by 40%**, and managed CI/CD with Azure DevOps, significantly improving recruitment efficiency.

**Sampark Softwares Pvt. Ltd.** | [SDE Intern](#)

**May 2023 - Jul 2023**

- Built a **Sentiment Analysis** model for ChatBot using **NLP** and Node.js, achieving 90% accuracy.
- Rolled it out as a **REST API** for easy integration, resulting in a 20% reduction in the support team size and a substantial boost in client productivity.
- Contributed to Speech Recognition and Text-to-speech Models in ReactJs, enhancing user engagement by 15%.

**Coding Ninjas** | [Teaching Assistant Intern](#)

**Dec 2021 - Apr 2022**

- Resolved & evaluated more than **600 doubts** & projects on Data Structures and algorithms and Object-Oriented Programming in JAVA, mentored 50+ students with an average doubt resolution rating above 4.75/5.
- Debugged codes & rectified numerous errors which helped achieve **560+ five-star ratings**.

## Projects

**CODEPAL** | Realtime Collaborative Code Editor

[Demo](#)

- Created using ReactJS, NodeJS, and ExpressJS, supporting simultaneous editing by up to 100 users.
- Integrated **Socket.io** for the web sockets to collaborate using Room IDs and username login functionality.
- Implemented complete syntax highlighting and deployed the solution using Vercel, ensuring enhanced scalability and reducing server response times by 20%.

**CRYPT HUB** | NFT Marketplace

[Demo](#)

- Built with Next Js, **Hardhat** & **Solidity**. Utilized Arweave, and Bundlr for file storage and scaling the permanent storage.
- Executed a comprehensive **12-step unit testing** procedure for the smart contract, utilizing ChaiJS.
- Utilized the **Polygon** network and applied Tailwind CSS for styling integrating **Metamask** wallet connectivity.

## Academic and Extracurricular Achievements

- Won 1st prize(100\$) in Salesforce Trailhead Hackathon
- 200+ starred & 260+ forks repo/project on [GitHub](#)
- [Leetcode](#) Reputation: 105+
- Microsoft [AZ-900](#) Certified (Azure Fundamentals)
- Achieved ultimate milestone (40 Quest Badges & 20 Skill Badges) on Google Cloud Skills Boost.

## Positions of Responsibility

[Google Cloud Ready Facilitator](#): Mentored **1350+** students in their journey to master Google Cloud.

[Microsoft Learn Student Ambassador](#): Hosted numerous webinars, tech events, and hackathons amassing **1500+** students.

[Postman Student Expert](#): Elevated API proficiency and testing standards across our college community.