

# ROHAN SINGH

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## EDUCATION

### VES Institute of Technology, Mumbai

B.E in Artificial Intelligence and Data Science - **CGPA 9.17.**

### Matoshree Prabhodhinee Jr. College Of Science

HSC Science (2018-2020) - **85.38%.**

### St . Xaviers English High School and junior college

SSC (2018) - **94.20%**

## SKILLS & PROFICIENCIES

**Languages:** English, Hindi.

**Coding Languages:** C++, Java, Python, Javascript, Typescript.

**Frontend:** HTML , CSS, Reactjs, Nextjs, Tailwind, Flutter(App Development).

**Backend:** Expressjs, Flask.

**Databases:** MySQL, PostgreSQL, MongoDB, Redis.

**Devops:** Git/Github, Docker, Kubernetes, AWS, Netlify, Vercel.

**Testing:** Selenium, Jest, React-Testing Library.

**AI/ML:** Numpy, Pandas, Scikit-Learn, Tensorflow, Pytorch.

**Sass:** Firebase, Sanity, Supabase.

**Soft Skills:** Leadership, Problem-Solving, Eager to learn.

## ACHIEVEMENTS

- **1st** at VESIT-Hacks Hackathon (VESIT)
- **2nd** at LBS-2023 Hackathon (VESIT)
- **Finalist** at TSEC-Hackathon (TSEC)
- **Finalist** at LBS-2022 Hackathon (VESIT)
- Gave a **workshop** about **Fundamentals of Deep Learning** in front of **50-60** students.

## EXPERIENCE

### Software Developer Intern

Project Utkarsh | SUD Life Insurance - Feb 2022 to Present

- Architected and coded a robust full-stack solution for a software product streamlining data validation for insurance policies; achieved a **40%** increase in efficiency and saved 15+ hours per week.

### Technical Team Member

AIColegion - November 2022 to Present

- Conducted a **36-hour** online hackathon.
- Conducted an AI-beginner workshop for a batch of **70-80** students on Fundamentals of **Deep Learning**.

### Software Developer Intern

AiGyan - November 2022 to Present

- Regulated a team of **3** members in building a Website for students to browse blogs, and courses on various technologies like AI, Blockchain, etc.

## PROJECTS

### SOCIAL MEDIA - Github

One-stop to express, connect, and chat with the world. I've used technologies from **GraphQL** to **Web Sockets** to give it a feel of modern-day Social Websites. This project covers all the aspects of modern-day websites like **caching**, **server-side rendering**, etc.

- **Nextjs, Typescript, GraphQL, Express JS, MongoDB, TRPC, PostgreSQL, SocketIO, TailwindCSS, Docker, Redis.**

### VESISTANT - Github

A voice-enabled system where users can know almost everything about VESIT. There is also a **face recognition system** for logging in. It can answer up to **80-100** questions about VESIT(My College) using your voice using **speech recognition**.

- **Python, PyQt5, speech recognition, MySQL, Reactjs.**

### MULTI-CLASS IMAGE CLASSIFICATION - Github

Full Stack Image Classifier built from scratch using **PyTorch** and deployed in **FastAPI**, then integrated with **NextJS**. I've used the **Resnet Architecture** with roughly **10-12 million** parameters trained on **Google Colab Tesla CPU** for **3-4** hours.

- **Nextjs, Typescript, FastAPI, PyTorch, TailwindCSS.**

### NEWS SUMMARIZATION - Github

A news summarization website that summarizes long articles in **30-700** words summary.

- **ReactJS, TailwindCSS, Flask, HuggingFace, Docker.**