

# Pranshu Aggarwal

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## EDUCATION

### Vellore Institute of Technology, Chennai

Bachelor of Technology in Computer Science and Engineering

CGPA: 8.76

Sept 2021 - Present

### Modern Vidya Niketan, Faridabad

12th Central Board of Secondary Education (C.B.S.E)

Percentage: 95.4

2020 - 2021

### Modern Vidya Niketan, Faridabad

10th Central Board of Secondary Education (C.B.S.E)

Percentage: 94.8

2018 - 2019

## WORK EXPERIENCE

### PRISM Intern - Samsung

Oct 2023 - Present

- Developed a real-time offer image generation system using LLaMA, Stable Diffusion, and GANs, achieving a 15% improvement in text generation through LoRA fine-tuning technique. **Tech Stack-** GANs, Streamlit, Docker

### SDE Intern - EGovernments Foundation

May 2022 - Apr 2024

- Enhanced CARE, recognized by the UN as a Digital Public Good, incorporated **200+ features** focusing on responsive design, security, and privacy, including a patient camera feed lock feature.
- Spearheaded the development of advanced conversational features for Ayushma, a nurse-assisting chatbot, now deployed in over 200 hospitals across 10+ states in India. **Tech Stack-** Django, React.Js, Next.Js

### Web Development Teaching Assistant - Pupilfirst

Sept 2022 - Aug 2023

- Assisted **5000+ students** with Full Stack Web Development, delivering comprehensive assignment reviews, prompt responses to inquiries, and proactive support. **Tech Stack-** Node.Js, React.Js

## PROJECTS

- JobPulse**, Developed a platform to streamline the job application process. Includes features like Google sign-in, a Kanban board for visual organization, and a timeline tracking system to monitor progress efficiently. [GitHub](#)
- OpenMic**, Led the front-end team at a **Y Combinator-funded** NY-based startup, developing a responsive website and integrating functionality for automated bot phone calls. Also collaborated on API development. [Link](#)
- Books World**, A platform for comprehensive book management. Includes features like authentication, personalized commenting, tracking the progress, and updating the status of each book. **100+ registered users.** [GitHub](#)
- D-Auth**, Developed a KYC authentication system using NFTs. Features include OCR for scanning data from images. Won the institute level of the **Solving for India** hackathon organized by **Google & GeeksforGeeks.** [GitHub](#)
- Meeting Assistant**, Developed a desktop voice assistant using NLP, achieving an 83% accuracy rate, for efficient calendar-based meeting scheduling, application launching, and task automation. [GitHub](#)

## VOLUNTEERING

### Tech Lead - Android Club

May 2023 - Mar 2024

- Managed large-scale events with **400+ participants** and conducted impactful React Js workshops for over 400 students. Led a project under **Hacktoberfest 2023** with a tech team of 30+ to build a NextJs website showcasing the club's previous events, fostering a collaborative environment for project development.

### Project Mentor - GirlScript Summer of Code

May 2023 - Aug 2023

- Mentored contributors in a 3-month Open Source Android App project, reviewing and enhancing **20+ pull requests** for the CrazyCoder app, offering valuable guidance and expertise.

## ACHIEVEMENTS

- Kavach Hackathon Finalist**, Excelled at the national level, organized by the **Government of India**, spearheading the development of an indigenous cryptocurrency analyzer tool. Added support for multiple networks by integrating their APIs to display detailed analysis.
- Global Digital Corps Fellowship**, Selected as one of **40 out of 50,000** applicants nationwide for an intensive 4-month full-stack web development program in collaboration with **AICTE**. Gained hands-on expertise by working on real-world projects and interacting with global experts.

## TECHNICAL SKILLS

**Programming Languages:** Python, TypeScript, JavaScript, Java, C, C++, ReScript

**Frameworks** Django, Node.Js, Flask, Next.Js, React.Js, React Native, EJS, Redux.Js, Tailwind, Flutter, TensorFlow

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

**Tools:** AWS, Azure, GCP, Netlify, Vercel, Heroku, Docker, Figma, Git