

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

Percentage: 95.4

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

2020 - 2021

Modern Vidya Niketan, Faridabad

Percentage: 94.8

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

2018 - 2019

WORK EXPERIENCE

PRISM Intern - Samsung

Oct 2023 - Present

- Engineered a real-time offer image generation system using LLaMA, Stable Diffusion, and GANs, optimizing text generation with LoRA fine-tuning for improved accuracy and performance. **Tech Stack-** GANs, Streamlit, Docker

SDE Intern - EGovernments Foundation

May 2022 - Apr 2024

- Enhanced CARE, acknowledged by the UN as a Digital Public Good, by incorporating **200+ features** emphasizing responsive design, security, and privacy. Implemented a patient camera feed lock feature to ensure confidentiality.
- 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

- Delivered comprehensive assignment reviews and prompt responses to **5000+ students** across **80+ universities** in Full Stack Web Development, ensuring high-quality learning and engagement. **Tech Stack-** Node.js, React.js

PROJECTS

- JobPulse:** Developed a platform to streamline the job application process, integrating Google OAuth, 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, with support for over 1000 mobile numbers. [Link](#)
- Books World:** Formulated a comprehensive book management platform with authentication, personalized commenting, progress tracking, and status updates for each book. Successfully onboarded **100+ users**. [GitHub](#)
- D-Auth:** Implemented a KYC authentication system using NFTs with features including OCR for scanning data. Won the institute level of the **Solving for India** hackathon organized by **Google & GeeksforGeeks**. [GitHub](#)
- Meeting Assistant:** Developed a desktop voice assistant integrating NLP for efficient meeting scheduling, application control, and task automation, achieving a **86% accuracy rate** and enhancing productivity. [GitHub](#)

VOLUNTEERING

Beta Microsoft Learn Student Ambassador - Microsoft

April 2023 - Present

- Part of the MLSA community, organizing diverse technical events with over **100 participants**, actively participating in hackathons, exploring Azure, and utilizing Microsoft Learn for continuous skill development.

Tech Lead - Android Club

May 2023 - Mar 2024

- Managed large-scale events and conducted impactful React.js workshops with **400+ participants**. Led a team of 30+ developers during **Hacktoberfest 2023** to build a collaborative Next.js website project.

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 nationally with the **Government of India**, pioneering the development of an indigenous cryptocurrency analyzer tool. Integrated APIs from multiple networks for detailed analysis.
- Global Digital Corps Fellowship:** Selected as one of **40 out of 50,000** applicants nationwide for a 4-month full-stack web development program with AICTE. Gained hands-on expertise and interacted 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, Railway, Firebase, Docker, Figma, Git