Pranshu Aggarwal

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EDUCATION

Vellore Institute of Technology, Chennai   **CGPA: 8.76**
Bachelor of Technology in Computer Science and Engineering   *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*
- 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

Beta Microsoft Learn Student Ambassador - Microsoft   *April 2023 - Present*
- Part of the MLSA community, organizing diverse technical events, 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**, leading 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, Docker, Figma, Git