Yashita Puri

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Education

Vellore Institute of Technology, Vellore, India *Aug 2023 – Present*
B.Tech in Computer Science and Engineering **CGPA: 9.83**

Technical Skills

Languages: Proficient in C, C++, Python, Java, JavaScript, HTML, CSS, TypeScript.
Libraries/Frameworks: React, Next.js, Tailwind, Node.js, NumPy, Pandas, scikit-learn, Matplotlib, Seaborn, OpenCV, TensorFlow, Chart.js, Plotly, Three.js.
Tools/Software: GitHub, Jupyter, Excel, Postman, Figma, Canva, MongoDB, Firebase, Volatility, FTK Imager.
Domains: Fullstack Development, Generative AI, Machine Learning, Cybersecurity.

Experience

Defense Research and Development Organisation (DRDO) *Jodhpur, India May 2025 – June 2025*
Cybersecurity Research Intern

- Researched cybersecurity frameworks focusing on **Memory Forensics**, **Client-Side Hardening**, and **Endpoint Security**.
- Authored a report titled **"System Hardening and Forensic Analysis: A Hands-on Approach to Cyber Defense"**.
- Used tools like **Volatility** and **OSQuery** for threat detection and incident response.

CodeChef-VIT *Vellore, India March 2024 – Present*
Senior Core Member

- Hosted a workshop on **Frontend Development (covering Next.js, Tailwind CSS, and React)** as part of CodeChef's **Road to DevSoc**, the flagship hackathon, with participation from **150+ developers**.
- Contributed to the development of the **Cook-Off 2024 coding portal** and helped organize large-scale events like **Cook-Off 2024** and **Clueminati 2024**, engaging over **800+ participants** collectively.
- Conducted an in-depth session on **Bit Manipulation** for the **Competitive Coding EXC Course** organized by CodeChef VIT, attended by **150+ students**.

Zidio Technologies *Remote May 2025 – July 2025*
Web Development Intern

- Developed a full-stack project that converted **Excel data into interactive, responsive charts**, using **React, Tailwind, Plotly and Chart.js**. [GitHub Link]
- Created a second project featuring a **modern blog-style architecture** with dynamic content rendering, integrated with a secure backend. [GitHub Link]

Achievements

- **Currently First Rank in CSE Information Security:** Achieved the top position in the branch out of **250+ students**, consistently maintaining academic excellence and setting a benchmark for peers in the specialization.
- **Elected Program Representative for CSE Information Security (2024–2026):** Represented a cohort of **250+ students** for two consecutive years, facilitating communication between faculty and peers while organizing academic and extracurricular initiatives.

Projects

FFCS-inator – CodeChef VIT [GitHub Link]
- Contributed to a course scheduling tool that simplifies the FFCS (Fully Flexible Credit System) process, helping thousands of students plan their course allocation. Garnered over **25K views** and **8K users** in just **3 days**.

CineAI – Amazon Hackathon Project [GitHub Link]
- Built an AI-based movie recommendation platform using **Next.js, TypeScript**, and **OpenAI APIs**.
- Designed and trained a custom ML model for mood-based suggestions from real-time sentiment.

Cookoff 9.0 Portal – CodeChef VIT [GitHub Link]
- Played a key role in developing the coding portal for **Cook-Off 2024**, CodeChef VIT's flagship coding event, facilitating **500+ participants**.

CareerSprint [GitHub Link]
- Built a placement progress tracking platform that aggregates data from platforms like **LeetCode** and **GeeksForGeeks**, providing personalized milestones and insights to enhance **student placement readiness**.