

Gayatri Nagi

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Education

Vellore Institute of Technology

BTech(Computer Science and Engineering) - GPA: 8.81

Bhopal, India

Oct 2022-ongoing

Sadhu Vaswani International School for Girls

Delhi, India

Class XII(CBSE)- 93.4%

July 2022

Class X(CBSE)- 93.4%

April 2020

Skills Summary

Languages: Java, C++, SQL, HTML, CSS and JavaScript

Tools: Excel, PowerPoint, MySQL

Soft Skills: Excellent Communication, Problem solving and Critical Thinking, Teamwork, Leadership

Extracurricular Activities: Sports(Table Tennis), Painting, Dancing

Work Experience

BAS IT Risk Assurance Intern

BDO India LLP

May 2025- ongoing

- Assisted in preparing SOC 1 & 2 (Type I & II) reports and aligning with ISO 27001 standards.
- Created information gathering checklists and risk assessment sheets for client IT environments.
- Gained knowledge of cybersecurity controls, endpoint device security, and penetration testing basics.

Cybersecurity & IT Operations Intern

SoftNet Megatrends Pvt. Ltd.

Nov 2024 – Jan 2025

- Assisted in **cybersecurity solutions, IT operations, and software licensing & compliance.**
- Supported security policy implementation and compliance audits.
- Ensured data confidentiality and secure IT infrastructure management.

Academic Projects

Predictive health Insurance Model for Shield Insurance

Winter 2025

- Implemented a predictive health insurance model using machine learning algorithms, achieving an accuracy of over 67% in estimating insurance premiums based on health and lifestyle factors.
- Created an interactive web application for underwriters, integrating predictive analytics and cloud deployment to streamline insurance premium calculations and risk assessment.

VHelp – In-Campus NGO Website

Summer 2024

- Designed and developed a dynamic website for an in-campus NGO to support student-led initiatives and community outreach.
- Built the frontend using **HTML, CSS, and React**, ensuring a responsive and user-friendly interface.
- Optimized website performance and accessibility to enhance user experience.
- Implemented interactive features to facilitate engagement and streamline communication between volunteers and organizers.

Certifications

- Marketing Analytics- NPTEL (May 2025)
- Cloud Computing –NPTEL (Top 1%)(May2024)

Achievements

- Ranked in the Top 1% of NPTEL's Cloud Computing course.
- HackOnBlocks: Directed a high-impact prototype that earned recognition as one of the top 10 projects out of 150+ teams, demonstrating strong design and execution.
- Smart India Hackathon 2023 – **Smart Walk Real-Time Crowd Density Tracker**: Proposed a real-time crowd monitoring concept for **SIH 2023** to enhance safety, optimize resource utilization, and help individuals identify less crowded spaces.