Priyanshi Nahar

MTech – Information Security (CSE)
Vellore Institute of Technology, Vellore

Email : priyanshi.nahar21@gmail.com
Contact : +91 7879288593

Dedicated and detail-oriented Computer Science student with a passion for innovation and problem solving. Seeking a challenging position where I can utilize my skills to contribute to the growth of organization and thrive in a team setting.

Academic Details

Year	Degree	Institute	CGPA/Marks
2025	M. Tech Information Security (CSE)	VIT, Vellore	8.02
2023	B. Tech Computer Science & Engineering	Mandsaur University	7.71
2019	XII (CBSE)	Aditya Public School, Mandsaur	7.15
2017	X(CBSE)	Aditya Public School, Mandsaur	9.40

Professional Experience

- **Intern |** *Youstart.in*   *Aug'22-Oct'22*
  - Interned as a MERN Stack Developer, gaining hands-on experience in developing and enhancing web applications using MongoDB, Express.js, React.js, and Node.js, WebdriveIO.
  - Contributed to the full software development lifecycle, collaborating with senior developers to implement frontend and backend functionalities, and gaining proficiency in building RESTful APIs, database modeling, and responsive user interfaces.

PROJECTS

- **IoT-based Accident Knowledge Tracking System**
  - Utilized IoT technology for real-time monitoring and reporting.
  - Sends the location of accident victims to their designated emergency contacts.
- **Building a Cache Simulator - Computer Architecture**
  - Profiles MIPS LW instruction using user-defined cache parameters, implements block replacement policies, and provides cache info, **effective** miss rate analysis for optimized cache performance.
- **Age and Gender Detection**
  - With a focus on machine learning, I successfully developed an ML model with help of OpenCV library, that detects age and gender through both live webcam input and photo analysis.

TECHNICAL PROFICIENCY

- **Programming Languages**: C, C++, SQL, CSS, HTML
- **Elementary Proficiency:** Javascript, python, Wireshark

FUNDAMENTAL SUBJECTS & ELECTIVES

- **Operating Systems**
- **Database Management System**
- **Data Structure and Algorithms**
- **Penetration Testing**
- **Computer Network**
- **Computer Architecture**

ACHIEVEMENTS & CERTIFICATION

- **Certification in Udemy - Cyber Security's Frontier: Emerging Trends and Technologies – Udemy**
- **Certification in Udemy - Web Design using JavaScript – Udemy**
- Won silver medal at the **Spandan** Hackathon.

EXTRA-CURRICULARS

- Volunteered for the cultural fest in Under Graduation.
- Co-Ordinator in Technical fest for the quiz competition in Under Graduation.