SHIVANSHI VERMA

+91 8449576266 | shivanshiv3rm4@gmail.com | LinkedIn | Portfolio

SUMMARY

Enthusiastic B.Tech Computer Science student with **proficiency in Python and Java, seeking an internship** to apply my coding skills in **web development, data science and IoT** and contribute to the development of efficient and scalable solutions that helps in maximisation of organisational profits.

SKILLS

Technical skills: Python, C, C++, Frontend web development, React.js (beginner), HTML, CSS, SQL.
Non-Technical skills: Communication, Leadership, Presentation, Adaptability, Analytical skills, Problem-solving skills

ON-CAMPUS SKILLFUL EXPERIENCE

IEEE (Women in Engineering, Vellore's branch)   *Jul 2024- Present*
Vice chairperson   *Vellore, TN*
Tech Stack*: HTML, CSS, JavaScript*

- Led strategic initiatives across six domains, successfully benefitting over 200 members.
- **Launched** 4 major and 10 minor events on time
- **Initiated** and ensured **100% uptime Gravitas event website** development **using HTML, CSS, and JavaScript.**
- **Streamlined website integration** with the official registration portal.
- **Optimised** event workflows through **collaborative development and data-driven decision-making**

Committee Member   *Mar 2023 – Jul 2024*
                                                                                                                          Vellore, TN

- Conducted **15+ events** in multiple roles **Team Leader, volunteer, and technical support**
- Managed **5 speaker sessions** on **software engineering principles** and explained **OOPs and SDLC methodologies** resultantly **improved technical awareness** among candidates
- Ensured scalability and usability through **optimising event website performance,** demonstrating situation handling and problem-solving skills.

YANTRA'24 (Intra-Annual Hackathon Week)   *Feb 2024- Mar 2024*
Organiser   *Vellore, TN*

- **Organised Yantra 24,** attracting 15,000 participants and optimizing event logistics **through process automation**, **reducing** participant onboarding time by **40%**
- **Applied strategic problem-solving skills in a high stakes environment to enhance user experience and event efficiency.**

CURRENT PROJECT

Optimization of Traffic Lights Using Petri Nets (Ongoing Research)
- **Focused on Developing** an AI-driven traffic light **optimsation model using Petri Nets to** reduce congestion and enhance urban mobility.
- **Implementing real-time data analysis** and **probabilistic modelling optimise traffic law dynamically** based on historical and live data.

EXECUTED TECH PROJECTS

MEMORY GAME (Website)   *GitHub*
Tech Stack*: HTML, CSS, JavaScript*

- Developed **an interactive memory game** where players match similar blocks by flipping them, **featuring multiple** game **modes (3×4, 4×4, 4×5, 5×6, 6×6) for varying difficulty levels.**
- Integrated **real-time features** such as moves and matches tracking.

PORTFOLIO SITE DEVELOPMENT   *GitHub*
Tech Stack*: JavaScript*

- **Designed** and implemented a **responsive portfolio website**, resulting in **over 50 unique visits**, enhancing personal **brand visibility** through high-quality coding standards.
- **Improved user experience** across devices, resulting in a **25% boost** in engagement.

WEBSITE DEVELOPMENT FOR COLLEGE EVENT
Tech Stack: HTML, CSS, JavaScript

- Developed **site for the event of college** containing **all the information about sponsors**, event date and time with registration **QR.**
- Enhanced user experiences on the site through seamless integration of its featuredregistration page with instructions.

CERTIFICATION

Google Cloud Career Launchpad Certificate *(Cloud Digital Leader Track*)   *Aug-2024*

EDUCATION

BTech in CSE   *Vellore, TN*
[Vellore Institute of Technology]   *2022 -2026*
CGPA: 8.61