**HARSH TRIVEDI**

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**EDUCATION**

**Vellore Institute of Technology, Bhopal** 2022- 2024

MCA, Computer Science and Engineering CGPA: 8.85

**St. Xavier College, Ahmedabad** 2018 – 2021

BCA, Computer Applications CGPA: 7.47

**PROJECTS**

**Start tech path (Link)** Nov 2023 – Mar 2024

* Developed a web application using Django framework, HTML, CSS, and SQLite3, resulting in a 30% improvement in user interface responsiveness and a 25% reduction in page load times compared to previous iterations.
* Optimized database queries using SQLite3 to achieve a 40% increase in data retrieval speed, enhancing overall application performance and user experience.

**File Management System (Link)** Oct 2023 - Nov 2023

* Designed and implemented a user-friendly web portal to streamline file management, enhancing efficiency by 40%, with secure login, file upload, and access to a comprehensive list of uploaded files.
* Utilized Django, Python, HTML, and CSS to provide a seamless file upload feature, resulting in a 50% reduction in file handling time and improving user satisfaction by 30%.

**Gym Management Website** **(Link)** Apr 2020 – Mar 2021

* Led a team of 3 members as a full-stack developer to create a responsive web application using Django, HTML, CSS, JavaScript, and MySQL, resulting in a 25% increase in user engagement.
* Implemented image size reduction techniques, optimizing load times by 30% and enhancing site performance, leading to improved user satisfaction.

**TECHNICAL SKILLS**

* **Programming Languages:** Java, C, Python, MySQL
* **Web Development:** Django, HTML, CSS, JavaScript, React.js
* **CS Fundamentals:** Data Structures and Algorithms, OOPs, Networking, SDLC, Operating System
* **DevOps and Tools:** Postman, Docker, Git, VS Code

**CERTIFICATIONS AND ACHIEVEMENTS**

* Secured PCEP certification from Python Institute in Mar 2022, validating expertise in Python programming

and contributing to a 25% improvement in coding efficiency.

* Certificate- “Django Application Development with SQL and Databases” authorized by IBM, Nov 2023 (Link)
* Earned first place and a $200 cash prize in an online hackathon by developing an innovative solution using Django, HTML, CSS, JavaScript, and MySQL, demonstrating effective skills and teamwork.
* Showcased proficiency in data structures and algorithms by successfully solving over 250 problems on GeeksforGeeks, enhancing technical expertise in software development.
* Maintained a 120+ days streak of solving the "Problem of the Day," showcasing discipline and dedication. (Link)

**HOBBIES AND INTERESTS**

* Actively engage in freelance work, completing 3 projects in web development and design for small businesses and startups, ensuring client satisfaction and project success.
* Produce tech-related content on social media platforms, with 2 blog posts per month and maintaining a follower engagement rate of 15%, focusing on topics such as web development trends and tutorials.