Vishnu Sharma

New Delhi

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CAREER OBJECTIVE

Passionate and dedicated Computer Science student with strong skills in **HTML, CSS, JavaScript**, and basic **Python** programming.

Eager to apply web development knowledge to build user-friendly, innovative, and dynamic applications. Seeking an opportunity to learn and grow in a challenging environment while contributing effectively to the team's success.

EDUCATION

Bachelor of Technology in Computer Science (Currently Pursuing)	
Guru Gobind Singh Indraprastha University	
(Delhi technical Campus, Greater Noida)	2022-26
Diploma	[EE]	
(Prince Institute of Innovative Technology , Greater Noida)	2019-22
XII (CBSE)	Chandra Shekhar Azad Government Boys Senior Secondary School	Delhi	2019
X (CBSE)	Chandra Shekhar Azad Government Boys Senior Secondary School	Delhi	*2017*

SKILLS AND EXPERTISE

• **Professional:** Microsoft Office Suite, Creative Writing, English Proficiency (Spoken & Written), MS Excel
• **Languages:** HTML, CSS, JavaScript | Familiar: Python
• **Frameworks/Libraries (Basic):** ReactJS, SQL
• **Skills:** Front-End Development, Data Structures and Algorithms, Object-Oriented Programming, Systems Programming, Computer Vision

INTERNSHIP

Intern | Institute of Sound and Vibration   **Nov'23-April'24**

☐ Developed a Python script using loop constructs to automate vibration data collection every 5 minutes for passing metro trains.
☐ Implemented real-time signal processing techniques to capture tunnel vibrations and extract frequency-based patterns.
☐ Generated and visualized four distinct frequency-domain graphs per metro train to analyze vibration impact over time.
☐ Contributed to infrastructure monitoring by enabling systematic and automated data acquisition in a transportation tunnel environment.
☐ Enhanced data representation by creating interpretable visual plots to assist researchers in evaluating metro-induced vibrations.

PROJECTS

1. Amazon (Clone)

Amazon Clone Web App is a responsive e-commerce frontend project inspired by Amazon's design, built using HTML, CSS, and JavaScript. It features a modern homepage, product listings, and a clean, intuitive layout that works well on all devices. Currently, new features like product detail pages, cart functionality, and user authentication are in progress to make it a more complete and interactive shopping experience. – currently working on it.

2. Personal Portfolio Website.

Personal Portfolio Website is a clean and modern web portfolio built with HTML, CSS, and JavaScript to showcase my projects, skills, and experience. It features a responsive design, smooth animations, and an organized layout to highlight my work in a professional and visually appealing way. The website serves as an online resume and project gallery to connect with potential collaborators and employers.

3. Inventory Management.

Inventory Management App is a simple and user-friendly web application designed to help you efficiently track and manage your home or kitchen inventory items. With this app, you can easily add products, update quantities, remove items, and even keep a list of items you need to buy later (cart feature).

4. **Login Sign-In Page.**

Login & Sign-In Page is a sleek and responsive authentication UI built with HTML, CSS, and JavaScript. It features a modern design with smooth transitions, user-friendly form layouts, and clear call-to-action buttons. This project focuses on creating a clean and professional entry point for web applications, and can be easily integrated into any website or app requiring user login functionality.

CERTIFICATIONS

• Web Development Workshop | Delhi Technical Campus 2025
-Participated in a one-day intensive workshop on complete web design, hosting, and optimization, strengthening practical skills in modern web technologies and deployment strategies.

• Web Development Bootcamp | Coding Ninjas | 3 Months   July–September 2024
-Completed intensive training in HTML, CSS, JavaScript, and ReactJS.

• Workshop on AI and Data Science | 2 Days   March 2024
-Gained hands-on experience in Machine Learning model development and deployment.

• Data Analysis: | Coursera   2024
-Proficient in analysing large data sets using tools such as Excel, SQL, Python, and R to derive action able in sights and support data driven decision-making.

HOBBIES AND INTERESTS

☐ **Chess and Strategy Games** – Regularly play chess and other strategy games, which help enhance problem-solving and critical thinking skills.

☐ **Fitness and Health** – Committed to maintaining a healthy lifestyle through running, strength training, and mindfulness practices.

☐ **Traveling and Exploring New Cultures** – Interested in experiencing diverse cultures, which broadens my perspective and enhances adaptability.

☐ **Music** – Play a musical instrument or enjoy composing music, which fosters creativity and discipline.

☐ **Coding and Programming** – Passionate about solving algorithmic problems and contributing to open-source projects.