VIVEK KUMAR GUPTA

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EDUCATION

Lovely Professional University, *Phagwara, Punjab*
Master of Computer Application (MCA) — Sep'22 - Jun'24
7.12 CGPA

Veer Bahadur Singh Purvanchal University, *Jaunpur, UP*
Bachelor of Computer Application (BCA) — Jun'19 - Jun'22
7.2 CGPA

SKILLS

HTML, CSS, JavaScript, Bootstrap, React, C, C++, Python (Basic), MySQL, Node Js, Express Js , DSA (Basic)

INTERNSHIP

Web Development Intern, Lnbird Technology Pvt. Ltd. — Jan'24 – Present

- Front-End Development: Implemented user interfaces with a focus on usability and performance, ensuring a seamless user experience.
- Developed and Maintained Websites: Participated in the design, development, and maintenance of responsive websites and web applications using HTML, CSS, JavaScript, and modern frameworks (React).
- Customized web applications and content management systems (CMS) based on specific client needs, ensuring functionality and ease of use.

PROJECTS

Learning Management System with Job Portal (LMS) — Aug'24

- Developed Responsive User Interface: To guarantee a smooth user experience across devices (mobile, tablet, and desktop), a fully responsive interface was designed and developed using HTML5, CSS3, and Bootstrap.
- Constructed Interactive Components with React: React.js was used to generate dynamic, reusable components, guaranteeing improved speed and quicker rendering for a scalable Job Portal and Learning Management System .
- Authentication and authorization were implemented by creating front-end login/signup forms using React and JavaScript. These forms managed user authentication and protected routes for applications for jobs and registered courses (Use Node Js and Database - Mongo DB).

Simon Game (A game for logic building) — Jun'24

- Using HTML5, CSS3, and vanilla JavaScript, an interactive Simon game was created while following the guidelines of responsive web design.
- Used DOM manipulation and JavaScript event listeners to dynamically generate game sequences and record user input.
- Basic game logic was implemented to match user inputs with progressively harder levels of difficulty and to create and show random color sequences.

Real-Time Object Detection System: Enhancing Efficiency and Accuracy with YOLOv5 — May'24

- created a Real-Time Object Detection System that is optimized for quick and precise object recognition by utilizing YOLOv5 (You Only Look Once).
- Integrated OpenCV enables effective object detection and classification in dynamic contexts through real-time video capture and picture processing.
- Pre-trained YOLOv5 models were used to identify a variety of object classes, guaranteeing great recall and precision across a wide range of picture formats. Improved detection accuracy by custom training with labeled datasets and model hyperparameter optimization.

CO-CURRICULAR ACTIVITY

- Member of Accenture Club LPU. — Feb ' 23