

Vanshika Sharma

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Summary

MCA student with a strong foundation in full-stack development (MERN, PHP) and a proven ability to build efficient web applications that improve operational efficiency by up to 30%. Seeking to leverage my skills in JavaScript, React, and database management to contribute to innovative projects in a dynamic software engineering role.

Education

Vellore Institute of Technology — Master of Computer Application (MCA)	CGPA: 9.32 2024 – 2026
Shri Jain Girls College — Bachelor of Computer Applications	Percentage: 86.55% 2021 – 2024
Shri Jain Public School — Intermediate	Percentage: 84.60% 2020 – 2021
Shri Jain Public School — Matriculation	Percentage: 77.8% 2018 – 2019

Projects:-

Gmail Priority Pinner Extension | Chrome Extension, JavaScript (Current)

- TECH STACK: "Chrome Extension, JavaScript, HTML, CSS, Chrome Storage API"
- Developed a Chrome Extension that enhances productivity by allowing users to pin critical emails directly within the Gmail UI, saving an estimated 5-10 minutes daily previously spent searching for important information.
- Implemented a persistent pinning system using the Chrome Storage API, saving pinned emails across sessions and improving user workflow.
- Designed a clean and intuitive UI integration with CSS and DOM manipulation to visually highlight pinned emails, improving user workflow and organisation.

Mayuri Canteen – Online Food Ordering System | MERN Stack

- TECH STACK : "MERN Stack (MongoDB, Express.js, React, Node.js), Bootstrap
- Engineered a full-stack application reducing average canteen queue time by 30% by enabling online orders and real-time status tracking.
- Implemented optimized database queries to efficiently handle 20+ concurrent orders during peak traffic, ensuring system reliability and data security.
- Built a responsive and intuitive user interface with React and Bootstrap.

Library Management System | PHP, MySQL

- Developed a dynamic PHP and MySQL web application to automate library operations, reducing manual data entry errors by ~95% and accelerating the book check-in/out process by 40%.
 - Created a responsive admin dashboard with data visualisations for tracking member activity and popular books, leading to a 20% improvement in inventory management efficiency.
 - Applied object-oriented PHP programming and designed a normalised MySQL database to ensure data consistency, system reliability, and secure user transactions.
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Technical Skills & Tools

Languages: Java, JavaScript, PHP

Frontend: HTML, CSS, React, Bootstrap, Tailwind CSS

Backend: Node.js, Express.js, RESTful APIs

Database: MySQL, MongoDB

Developer Tools: Git, GitHub, VSCode

Core Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP)

Soft Skills

Leadership, Team Collaboration, Communication, Time Management.

Languages

English (Fluent), Hindi (Native)