# Vanshaj Tiwari

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## SUMMARY

Computer Science student pursuing a B.Tech degree, actively seeking opportunities in software engineering. Skilled in Java programming, web development with HTML, CSS, and JavaScript, and experienced in backend development with Express.js. Familiar with the MERN stack and currently enhancing skills in full-stack development. Completed internships where I developed web applications, gaining hands-on experience. Eager to apply my knowledge and contribute to innovative projects in a collaborative team environment.

## INTERNSHIP / TRAINING EXPERIENCE

**JOB ORIENTED VALUE ADDED COURSE,GLA UNIVERSITY,MATHURA**          *June 2023 - Aug 2023*

**Trainee**

Completed a job-oriented training program focused on SQL and MongoDB, gaining proficiency in both relational and NoSQL database technologies. Developed skills in designing, implementing, and querying databases through hands-on projects and real-world case studies. Instructed by industry professionals, the program emphasized practical, job-ready skills essential for roles in database management and data analysis. Seeking to leverage this training to contribute effectively in a data-driven professional environment.

## PROJECT

**Meeting Application**                                                                                                      *Feb 2024 - Mar 2024*

- Developed a comprehensive communication platform for institution-related interactions, integrating chat, video calling, and meeting scheduling features. The project utilized EJS for templating, JavaScript for client-side functionality, and Node.js with Express.js for the backend. MongoDB was used as the database to store user information and chat logs.
- The platform also incorporated Socket.IO for real-time communication, WebRTC for video calling functionality, and VSCode for development. Git and GitHub were used for version control, and Tailwind CSS for styling. Postman was used for API testing and debugging.

**Shopping Website**                                                                                                          *Sep 2023 - Nov 2023*

- Developed a modern shopping website using the MERN stack (MongoDB, Express.js, React.js, Node.js), allowing users to browse, add items to cart and wishlist, and securely book products. The website features a seamless user interface built with React.js and styled with Tailwind CSS, providing an intuitive shopping experience.
- To ensure secure transactions, the website integrates a payment gateway for payments. JSON Web Tokens (JWT) are used for user authentication, enhancing website security. Users can add items to their cart and wishlist, managing their shopping preferences efficiently.

**Tour Website**                                                                                                               *June 2023 - Jul 2023*

- Developed a Tour booking website that allows users to create accounts, log in, and book tours securely. The website integrates a payment gateway using Stripe, ensuring smooth and secure transactions for users.
- Built with Pug for templating, Node.js and Express.js for the backend, and MongoDB for the database. Postman was used for API testing and debugging. JWT (JSON Web Tokens) were also implemented to enhance website security and performance.

## CERTIFICATIONS

| | |
|---|---|
| Backend Web Development using node.JS | **May 2023 - Nov 2023** |
| The Ultimate React Course 2024: React, Redux & More | **Aug 2023 - Sep 2023** |

## EDUCATION

**B.Tech – Computer Science Engineer**                                                                              *2021-2025*

GLA University,Mathura

## ACHIEVEMENTS

- 200+ Questions solved on LeetCode.
- Got Shortlisted for Smart India Hackathon.
- 5 Stars in Java and Python on HackerRank.
- Organized a bus service named Project IGI to facilitate students reaching their respective exam centers during NPTEL exams.

## SKILLS

**Technical Skills -** SQL, HTML, CSS, JavaScript, Node.Js, React, Express.Js, Data Structures, Algorithms, Git, GitHub, Java, Python, AWS, Linux, oracle, MongoDb

**Developer Tools -** VS Code, Eclipse, IntelliJ IDEA, Postman, Compass, Terminal

**Soft Skills -** Self-driven, Critical Thinking, Problem Solving, Agile Methodologies, Adaptability, Effective Communication Skills