

Vaishali Thakur

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Professional Summary

Highly motivated Full Stack Web Developer with expertise in MERN stack, Java, SQL, and AWS. Strong in DSA, OOP, OS, and DBMS. Skilled in authentication, RESTful APIs, real-time updates, responsive design, performance optimization, and scalable software development. AWS-certified with a passion for problem-solving, writing clean code, and driving innovation.

Education

R.D. Engineering College(Duhai, Ghaziabad).

B-Tech (Information Technology)
Aug, 2022 - Aug, 2026

Technical Skills

HTML, CSS, JavaScript, Bootstrap, Node.js, Express.js, Restful APIs, MongoDB, MySQL, Git, GitHub, AWS-S3, EC2, React.js, Postman, Netlify, Vercel, Data Structure and Algorithm.

Soft Skills

Collaboration, Problem-solving, Communication, Time management

Achievements

Winner of Hackerrank Coding Competition at RD Engineering College, Ghaziabad, Ranked 1st in Coding Ninjas' Weekly Problem of the Day by solving 5 problems.

Languages

English, Hindi

Certifications

- NPTEL(IIT Kanpur) : Big Data Computing.
- NPTEL(IIT Kharagpur): DSA using JAVA.
- Google Certification: Foundation of Cyber Security.

Technical Projects

WanderHive – Travel & Rental Platform

Jan, 2025 - Jan, 2025

A MERN Stack-based Web App for travelers to explore and rent accommodations. Features authentication, booking, search & filter, and a responsive UI. Uses RESTful APIs, secure database, and a scalable architecture for optimal performance.

- Increased user reach by 40% by optimizing the platform for mobile and web accessibility.
- Developed and deployed 25+ travel solutions, enhancing destination discovery and rental bookings.
- Automated booking and search processes, reducing manual efforts by 55%.
- Integrated secure authentication and payment systems, ensuring seamless and scalable transactions.

TaskSphere – AI-Powered Task Management Platform

Oct, 2024 - Jul, 2024

A MERN Stack-based task management system with AI-driven productivity insights and real-time collaboration for teams.

- Increased task completion rates by 40% through AI-driven productivity insights and real-time collaboration.
- Developed and deployed 25+ project management solutions for businesses and teams.
- Reduced manual workload by 50% by automating task prioritization and tracking.
- Collaborated with cross-functional teams, delivering customized task management features based on client requirements.

HealthSync – Smart Health & Fitness Tracker

Feb, 2023 - Mar, 2023

A MERN Stack-based health and fitness tracking platform that provides personalized health recommendations and workout plans.

- Boosted user engagement by 45% by implementing personalized AI-driven fitness recommendations.
- Built and optimized 20+ fitness tracking solutions, enhancing real-time health monitoring.
- Automated health data analytics, reducing manual tracking efforts by 60%.
- Integrated seamless data sync across devices, ensuring cross-platform accessibility and scalability.

Academic Coursework & Technical Knowledge

- Data Structures & Algorithms (DSA)
- Object-Oriented Programming (OOPs)
- Database Management Systems (DBMS)
- Operating Systems (OS)
- Computer Networks (CN)