

Naveen Yadav

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Summary

Full-Stack Developer specializing in the MERN stack (MongoDB, Express.js, React, Node.js) with hands-on experience in building scalable, cloud-ready web applications. Proficient in RESTful APIs, microservices architecture, database optimization, authentication, and performance tuning. Experienced in version control (Git), and CI/CD pipelines to deliver secure, high-quality software. M.Tech graduate in Artificial Intelligence and Machine Learning.

Work Experience

MERN Stack Intern

July 2025 – Present

Panacea Infosec Pvt. Ltd.

- Developed and maintained **scalable full-stack web applications** using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Built **responsive, user-friendly UI components** using **React.js, JavaScript, and Tailwind CSS**, improving usability and performance.
- Designed and integrated **RESTful APIs** with **MongoDB**, ensuring **efficient data storage, retrieval, and backend performance**.
- Performed **debugging, functional testing, and code reviews** while collaborating in an **Agile, Git-based development environment** to deliver high-quality, production-ready software.

Web Development Intern

July 2024 – Jan 2025

Techoxa Technologies Pvt. Ltd.

- Contributed to the development of a **single-vendor e-commerce web application** using **HTML, CSS, Bootstrap, jQuery, PHP, and MySQL**.
- Implemented **backend logic, database operations, and UI components** to improve **performance, responsiveness, and user experience**.
- Collaborated with senior developers using **version control and structured development workflows** to deliver reliable, production-ready features.

Projects

E-Commerce Website

AI-Enabled Full-Stack Web Application [Source Code](#)

- Developed a **full-stack e-commerce platform** using **Next.js (App Router)** with **product catalog, cart, checkout, and search/filtering features**.
- Integrated **Google Gemini AI API, Neon (serverless PostgreSQL), Clerk authentication, and ImageKit** to enable **AI-powered content generation, secure user management, and optimized media delivery**.
- Implemented **automated order processing and notifications** using **Inngest**, ensuring **scalable, high-performance, and responsive web application architecture**.

Startup Portal

MERN Stack Web Application [Source Code](#)

- Developed a **full-stack startup portal** connecting **entrepreneurs, investors, and mentors** using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Implemented **JWT-based authentication, role-based access control, and optimized RESTful APIs** to ensure **secure, scalable, and high-performance backend services**.
- Built **responsive, accessible dashboards and UI components** for managing **startup profiles, data, and user interactions**.

URL Shortener Application

Backend Web Application [Source Code](#)

- Developed a **backend-driven URL shortening service** using **Node.js** with **unique short code generation and high-performance redirection logic**.
- Integrated **MongogDB** for **URL storage, click analytics, and relational data management** with **optimized database queries**.
- Implemented **input validation, secure database operations, and error handling** to ensure **data integrity and application security**.

Technical Skills

- **Programming Languages:** JavaScript (ES6+), TypeScript, PHP
- **Frontend Technologies:** HTML5, CSS3, Tailwind CSS, Bootstrap, React.js, Responsive UI Design
- **Backend Technologies:** Node.js, Express.js, RESTful APIs, JWT Authentication
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Software Architecture:** Microservices, Scalable System Design, API Integration
- **Version Control & Collaboration:** Git, GitHub Development, Code Reviews
- **Tools & Platforms:** VS Code, Postman, Vercel, Netlify, WordPress, Deployment & Debugging Tools

Education

M.Tech – Artificial Intelligence and Machine Learning NIMS University, Jaipur CGPA: 9	<i>2022 – 2024</i>
B.Tech – Computer Science and Information Technology Dronacharya College of Engineering, Gurgaon Percentage: 61%	<i>2017 – 2021</i>
Class XII – CBSE Kerala Public School, Rewari Percentage: 68%	<i>2016 – 2017</i>
Class X – CBSE Kerala Public School, Rewari CGPA: 9	<i>2014 – 2015</i>

Key Competencies

- Problem-solving and analytical thinking
- Team collaboration and communication
- Adaptability to new technologies
- Time management and task prioritization
- Continuous learning and self-improvement