

# Naveen Yadav

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## Summary

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Results-driven Software Developer with strong hands-on experience in full-stack web development and application testing. Specialized in the MERN stack (MongoDB, Express.js, React.js, Node.js) with expertise in building scalable, high-performance web applications. Proven ability to debug complex issues, enhance UI/UX, and optimize backend performance. M.Tech graduate in Artificial Intelligence and Machine Learning, passionate about clean code, performance optimization, and delivering reliable real-world software solutions.

## Work Experience

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### MERN Stack Intern

June 2025 – Present

Panacea Infosec Pvt. Ltd.

- Developing and maintaining scalable web applications using the **MERN stack**.
- Building responsive UI components with **React.js**, **JavaScript**, and **Tailwind CSS**.
- Designing RESTful APIs and integrating **MongoDB** for efficient data handling.
- Debugged and resolved frontend and backend issues, improving application stability.
- Conducted functional and manual testing to ensure quality before production deployment.
- Collaborated in an agile team using Git-based workflows and code reviews.

### Web Development Intern

July 2024 – Jan 2025

Techoxa Technologies Pvt. Ltd.

- Contributed to a single-vendor e-commerce web application.
- Built responsive interfaces using **HTML**, **CSS**, **Bootstrap**, and **jQuery**.
- Integrated backend logic using **PHP** and **MySQL**.
- Worked with senior developers to improve performance and usability.
- Followed structured version control and collaborative development practices.

## Projects

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### E-Commerce Website

AI-Enabled Full-Stack Web Application

- Developed a full-featured e-commerce platform using **Next.js (App Router)** and **JavaScript**, supporting product listing, cart, and checkout.
- Integrated **Google Gemini AI API** for automated product title and description generation.
- Used **Neon (serverless PostgreSQL)** for scalable relational data storage and efficient query handling.
- Implemented secure authentication and user management with **Clerk**, and optimized media delivery using **ImageKit**.
- Automated background workflows such as order processing and notifications using **Inngest**.
- Added dynamic product search and filtering, ensuring responsive UI, performance optimization, and cross-browser compatibility.

### Startup Portal

MERN Stack Web Application

- Developed a full-stack startup portal connecting entrepreneurs, investors, and mentors.
- Built using the **MERN stack (MongoDB, Express.js, React.js, Node.js)**.
- Implemented secure authentication and role-based access control using **JWT**.
- Created interactive dashboards for startups to manage profiles and updates.

- Designed responsive UI components ensuring accessibility across devices.
- Optimized backend APIs for improved data retrieval and performance.

### Digital Showcase – Portfolio Platform

*Frontend Web Application*

- Created a personal portfolio website to showcase projects, skills, and achievements.
- Developed using **React.js**, **HTML5**, **CSS3**, and **JavaScript**.
- Implemented reusable components and clean UI/UX design principles.
- Optimized performance and ensured cross-device and cross-browser compatibility.
- Deployed on **Vercel** for fast, reliable hosting and CI/CD.

### URL Shortener Application

*Backend Web Application*

- Built a backend-driven URL shortening service using **Node.js** and **Express.js**.
- Implemented unique short code generation and efficient redirection logic.
- Integrated **MongoDB** to store URLs, short codes, and click analytics.
- Added input validation and secure database operations to prevent misuse.

## Technical Skills

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- **Programming Languages:** JavaScript, TypeScript, PHP, SQL
- **Web Technologies:** HTML5, CSS3, Tailwind CSS, Bootstrap, React.js, Node.js, Express.js
- **Databases:** PostgreSQL, MongoDB, MySQL
- **Architecture:** Microservices, RESTful APIs, Scalability Design
- **Version Control:** Git, GitHub
- **Tools:** VS Code, Postman, Vercel, Netlify, WordPress

## Education

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### M.Tech – Artificial Intelligence and Machine Learning

*2022 – 2024*

NIMS University, Jaipur  
CGPA: 9

### B.Tech – Computer Science and Information Technology

*2017 – 2021*

Dronacharya College of Engineering, Gurgaon  
Percentage: 61%

## Core Competencies

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- Problem-solving and analytical thinking
- Cross-functional collaboration
- Adaptability to new technologies
- Clear communication skills
- Time management and prioritization
- Continuous learning mindset