

Nitin Shihhare

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Professional Summary

Full Stack Developer with hands-on experience in building scalable web applications using the MERN stack. Skilled in developing RESTful APIs, implementing secure authentication systems using JWT and Google OAuth, and creating responsive user interfaces with React and TailwindCSS. Passionate about open source, Linux, and building user-focused products with clean architecture.

Projects

OpenSourceWiki — opensourcewiki.tech Full Stack Developer Summer 2024 - Present

- Built and deployed a full-stack blogging and knowledge-sharing platform supporting end-to-end content creation and user interaction by developing a MERN-based architecture using React, Node.js, Express, and MongoDB.
- Improved content creation capabilities as measured by support for rich, structured posts by engineering a custom rich-text editor with formatting, lists, images, and modular content blocks inspired by Notion.
- Increased platform security and user access reliability as measured by secure session handling by implementing JWT-based authentication and Google OAuth sign-in flows.
- Enhanced user engagement as measured by real-time feedback on interactions by building live notifications for comments, likes, and user activities.
- Improved publishing efficiency as measured by streamlined content management by developing user dashboards with profile editing, draft saving, publishing tools, and social link integration.
- Optimized API performance and maintainability as measured by modular backend services by designing RESTful APIs for posts, users, authentication, and notifications.
- Improved application responsiveness and usability as measured by cross-device compatibility by designing responsive UI components using TailwindCSS and Framer Motion.
- Enhanced database query efficiency and data integrity as measured by faster lookups and stable schema design by structuring MongoDB collections with Mongoose.

Windows 98 Portfolio Website — nitinshihhare.com Frontend Developer Winter 2025

- Built an interactive Windows 98-inspired portfolio website by developing a desktop-like UI using HTML, CSS, and JavaScript.
- Implemented draggable windows, a taskbar with real-time clock, and desktop-style navigation using JavaScript.
- Optimized frontend performance and responsiveness as measured by smooth animations and low interaction latency by handling DOM updates efficiently and minimizing unnecessary reflows.

Technical Skills

Programming Languages: JavaScript, SQL

Frontend: React.js, HTML5, CSS3, TailwindCSS, Redux

Backend: Node.js, Express.js, MongoDB, Mongoose

Authentication & APIs: JWT, REST APIs, Firebase (Google OAuth)

Tools & Platforms: Git, Github, Linux, Postman, VS Code

Education

Bachelor of Computer Application (BCA)

Rabindranath Tagore University | CGPA : 7.28 / 10

Spring 2023 – Winter 2025

Bhopal, Madhya Pradesh

PM SHRI Kendriya Vidyalaya NKJ

12th CBSE | 84%

10th CBSE | 81%

Katni , Madhya Pradesh

2021 - 2022

2019-2020