

Aman Singh Nishad

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Profile

Developed a versatile skill set in collaborative and fast-paced development environments, contributing to a variety of web projects with a strong focus on user-centered design. Skilled in a wide range of front-end and back-end technologies, including React.js, Node.js, and MongoDB. Seeking to transition into a new field where these transferable skills can add value and drive innovation.

Experience

WEB DEVELOPER INTERN | Vault of Codes (EdTech Startup) | Remote | June 2025 – July 2025

- Developed and maintained responsive web applications using HTML, CSS, and React.js, resulting in a 15% increase in user engagement.
- Collaborated with the design team to create visually appealing and user-friendly interfaces.
- Integrated third-party APIs to extend application functionality and improve user experience.
- Conducted thorough testing and debugging to ensure cross-browser compatibility and optimal performance.

Education

Bachelor of Technology (B.Tech) in Computer Science and Engineering | University of Lucknow | 2022–2026
Senior Secondary (Class 12) | Army Public School, Chandimandir Cantt, Panchkula | 2020–2021

Projects

Hostel Management System (HMS) | [Live Demo](#) | [GitHub](#)

- Full-stack hostel management platform for University of Lucknow, automating 60% of manual processes.
- Stack: React.js, Tailwind CSS, Node.js, Express.js, MongoDB, JWT, bcrypt, Axios, Cheerio, Nodemailer.
- Multi-step registration with web scraping validation and dashboards.
- JWT-secured authentication and Nodemailer-based email notifications.
- Responsive UX with Tailwind CSS and React state management.

Hobimania Social Media Web App | [Live Demo](#) | [GitHub](#)

- Full-featured social media platform enabling post creation, comments, and user interaction.
- Frontend: React.js, Vite, Context API, Tailwind CSS.
- Backend: Node.js, Express.js, MongoDB, JWT authentication.
- Image upload via Cloudinary and smart assistance via Google Gemini AI.
- Protected routes, responsive layouts, and session management.

DashPoint AI-Powered MERN Productivity Dashboard | [Live Demo](#) | [GitHub](#)

- Full-stack productivity dashboard using React (Vite), Express.js, MongoDB, and FastAPI (Python).
- AI assistant for automation and content analysis using Google Gemini API.
- Features: sticky notes, to-do lists, file uploads, YouTube summarization, web content extraction.
- JWT-based authentication, RESTful APIs, Tailwind UI, PWA/offline support.
- OpenWeatherMap and YouTube Data API integrations.

Skills & Abilities

- Frontend:** React.js, JavaScript (ES6+), HTML5, CSS3, Tailwind CSS, Bootstrap
- Backend & Tools:** Node.js, Express.js, MongoDB, REST APIs, JWT, Axios, bcrypt, Nodemailer
- Version Control & Deployment:** Git, GitHub, Vercel, Render
- Testing & Debugging:** Chrome DevTools, Postman, Cross-browser testing
- Soft Skills:** Problem Solving, Adaptability, Time Management, Continuous Learning, Team Collaboration

Extra-Curricular Activities | [Link](#)

- Frontend Battle 2.0 (IIT Bhubaneswar):** UI development contest.
- Hack the Vibe Hackathon:** Collaborated in a 48-hour hackathon.
- Finalist in Hacknovate 5.0:** Reached the final round of a national-level hackathon.
- Participant in Smart India Hackathon (SIH).**