Aman Singh Nishad

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Education

University of Lucknow – B-Tech in Computer Science and Engineering (8/10 CGPA)	May 2026
Army Public School – Senior Secondary (83.5%)	May 2021

Experience

Frontend Developer Intern | Zoro Innovations | Remote   July 2025 – Sep 2025

- Engineered and optimized responsive front-end features for the main company website using **React.js**, **JavaScript (ES6+)**, and **CSS3**, enhancing mobile responsiveness and overall performance.
- Developed a library of reusable and scalable UI components with **React.js** and **Tailwind CSS**, which reduced development time on new features by **30%** and improved code maintainability.
- Consumed **REST APIs** using async/await and the Fetch API to dynamically render real-time data on product and service pages, ensuring content accuracy and reducing manual updates.
- Collaborated in an **Agile** environment with UI/UX designers and backend engineers to implement **SEO** best practices.

Projects

Hostel Management System – Full Stack App   github.com/amansinghnishad/Project-HMS

- Automated over **60%** of manual administrative tasks by building a system with **JWT-secured** authentication, an intuitive admin dashboard, and automated email notifications via **Nodemailer**.
- Designed and built a **RESTful API** with **Node.js** and **Express.js** to handle all CRUD operations for student records, room allocation, and fee payments stored in **MongoDB**.
- Implemented a server-side web scraping module using **Cheerio.js** to automatically validate student data against the university portal during registration, ensuring data integrity.

DashPoint – AI-Powered Productivity Dashboard   github.com/amansinghnishad/DashPoint

- Architected and developed a full-stack, AI-powered productivity dashboard to centralize user workflows, featuring sticky notes, to-do lists, and cloud file uploads.
- Engineered AI-powered features using the **Google Gemini API**, including YouTube video summarization and intelligent assistance, reducing user context-switching by an estimated **15%**..
- Implemented secure, token-based user authentication and authorization using **JSON Web Tokens (JWT)** from the ground up.
- Ensured offline-first functionality and a native-like experience by developing the application as a **Progressive Web App (PWA)**, utilizing **Service Workers** for resource caching.

Hobimenia – Social Media Web App   github.com/amansinghnishad/Hobimenia

- Developed a full-stack social media platform using the **MERN** stack, enabling users to create posts, interact with content (likes/comments), and follow other users.
- Managed global application state and props drilling efficiently using the **React Context API**, improving code scalability and maintainability.
- Integrated the **Cloudinary API** for seamless, cloud-based image storage and delivery, and implemented secure, protected routes using **JWT** for user session management.
- Leveraged the **Google Gemini API** to build an intelligent content moderation system, enhancing platform safety and user experience.

Skills

- **Languages:** JavaScript (ES6+)
- **Front-End:** React.js, Tailwind CSS, HTML5, CSS3
- **Back-End:** Node.js, Express.js, REST APIs
- **Databases**: MongoDB
- **Developer Tools & Platforms:** Git, GitHub, Postman, Vercel, Render
- **Libraries & Authentication:** JWT, Axios, bcrypt, Nodemailer

Achievements & Hackathons

- **Hackathon Finalist, Hacknovate 5.0**
  Achieved **Finalist** status among 500+ teams in a national-level hackathon by developing and pitching a full-stack web application under a 48-hour time limit.
- **Competitor, Smart India Hackathon (SIH)**
  Selected to compete in India's largest hackathon, where our team engineered a software solution for a complex problem statement provided by a government ministry.
- **UI Developer, Frontend Battle 2.0 (IIT Bhubaneswar)**
  Competed in a high-pressure coding event hosted by **IIT Bhubaneswar**, tasked with building a complex and fully responsive user interface from scratch within a strict deadline.
- **H**ackathon Collaborator, Hack the Vibe**
  Collaborated within a fast-paced, 48-hour hackathon to build and deploy a functional prototype of a [Arya] from concept to completion.