Priyanshu Singh

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GitHub | LinkedIn | LeetCode

Education

Noida Institute of Engineering and Technology   2023 – 2027
Bachelor of Technology in Computer Science and Engineering   CGPA: 8.3 / 10

Academic & Technical Experience

Web Developer (Core Member)   Sep 2025 – Present
Signode Club — Noida Institute of Engineering and Technology

- Contributed as a backend developer to student-led technical projects within the college club.
- Designed and implemented RESTful APIs using Node.js and Express.js.
- Worked on backend logic, API integrations, and database operations.
- Collaborated using Git and GitHub for version control and code reviews.

Projects

ExplainThis — AI Document Chat Application   Source Code | Live
React.js, Node.js, Express.js, TypeScript, Redis, Pinecone, Gemini API

- Built a full-stack AI system for querying uploaded PDF documents.
- Implemented Retrieval-Augmented Generation (RAG) for document-grounded responses.
- Used Redis to maintain session-based chat history.
- Integrated Pinecone for semantic embedding storage and similarity search.

BazaarX — Buy & Sell Marketplace Platform   Source Code | Live
React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Socket.io

- Developed a full-stack marketplace for secure buying and selling of products.
- Implemented real-time chat between buyers and sellers using Socket.io.
- Built seller dashboards for managing listings, orders, and sales data.
- Integrated JWT-based authentication and role-based authorization.

Home4Paws — Pet Adoption Portal   Source Code | Live
React.js, Node.js, Express.js, MongoDB, Cloudinary, Socket.io

- Developed a pet adoption platform for browsing pets and managing requests.
- Implemented real-time chat between adopters and pet owners.
- Created dashboards to manage pet listings and adoption approvals.
- Enforced role-based access control for secure workflows.

Technical Skills

Languages: C, C++, Python, Java, JavaScript, TypeScript

Frontend: React.js, Next.js, Redux, HTML, CSS, Tailwind CSS

Backend: Node.js, Express.js, MongoDB, PostgreSQL, REST APIs, JWT, Socket.io

Tools: Git, GitHub, Docker, Postman, Linux, Bash, VS Code

Achievements

- Cleared the screening round of the Indradhanu Hackathon (2025–26).
- Solved 200+ Data Structures and Algorithms problems on LeetCode.