Arnav Sharma

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SUMMARY

Computer Science student with experience in full-stack development, real-time communication, and API design, specializing in building extensible, user-friendly web applications. Proficient in React.js, Next.js, Node.js, and JavaScript, with expertise in problem-solving, data structures and OOPs in (C++), performance optimization, and user experience enhancement

EDUCATION

B.Tech in Computer Science and Engineering,   June 2026
Delhi Technical Campus Greater Noida   9.30 CGPA
Relevant Coursework: Data Structures and Algorithms (C++), Operating Systems, Database Management Systems, Computer Networks, Object-Oriented Programming(C++), Compiler Design, Web Technologies, Machine Learning

TECHNICAL SKILLS AND CERTIFICATIONS

Programming Languages: C/C++, JavaScript, Python, Java, SQL
Front-End: HTML, CSS, React.js, Next.js, Bootstrap, Tailwind CSS
Tools and Databases: Node.js, Express.js, MongoDB, Git, GitHub
Certifications: Developing Front-End Apps with React(IBM), Python for Data Science(IBM), AI & Development, Introduction to Web Development with HTML, CSS, JavaScript(IBM)

EXPERIENCE

Mylamp.ai, Remote: Web Developer Intern 🔗   June 2024 – August 2024
Responsible for developing the front-end design, RESTful APIs, and authentication system for wize.co.in web platform. Role included implementation, testing, and ensuring seamless integration of features.
- Designed and implemented RESTful API endpoints utilizing TypeScript, which increased response times by 25%
- Instituted a comprehensive authentication system with NextAuth as well as with some API endpoints, improving user login experience and reducing support requests related to access issues.
- Implemented a scalable architecture that enabled seamless real-time interactions between users in communities using the socket.io, which allows the efficient message handling and broadcasting mechanism

HecDec, Greater Noida: Junior Frontend Developer 🔗   Jun 2023 – Aug 2023
Designed a front-end of EdTech Website with **React.js** front-end and a **Tailwind CSS** for the sleek and responsive design. Role included Front-end Development of Figma design.
- Built the frontend part of a web application using React, focusing on a user-friendly interface and a smooth experience
- Conducted code reviews and participated in weekly meetings, contributing to a collaborative and agile development environment.

PROJECTS

Real-time messaging app using Pusher 🔗   Nov 2024
- Implemented pusher-based one-on-one messaging, group chats, online/offline user status, and real-time messaging with read receipts, incorporating strong authentication using NextAuth, Google, and GitHub.
- For a comprehensive user experience, we enabled image sharing via Cloudinary, user profile customization, and efficient group chat management.

Pathfinding Algorithms Visualizer (College Project) 🔗   Oct 2024
- Developed a pathfinding visualizer app using React.js to demonstrate algorithms such as BFS, DFS, A*, and Dijkstra. The application supports various maze generation techniques, including Binary Tree, Recursive Division, and No Maze, providing an interactive and dynamic visualization of pathfinding in different environments.

Created a web application for sharing AI chat prompts 🔗   Oct 2023
- Developed and deployed a comprehensive content management system using Next.js, where users can seamlessly create, read, update, and delete prompts. This project enriched the platform's interactivity, fostering a more engaging and collaborative community environment.