GAGANDEEP SINGH

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SUMMARY

A versatile and results-driven full-stack web developer with expertise in both frontend and backend technologies. Proficient in building scalable, high-performance web applications. Adept at problem-solving and collaborating in agile environments to bring innovative solutions from concept to deployment, while continuously expanding my skill set to keep up with evolving technologies.

EXPERIENCE

Backend Developer Intern   November 2023 - April 2024
Spinach21

· Worked on building a Calorie Counter application by managing and organizing food data from USDA Food Central.
· Developed backend architecture using Node.js, Express, and MongoDB to handle and structure large datasets efficiently.
· Utilized NLP libraries to extract and generate concise names from complex food descriptions, improving data categorization and accessibility.
· Optimized database queries and API integrations to ensure smooth and fast data retrieval based on user requirements.

PROJECTS

Hacker Hire | *NextJS, NodeJS, Express, Socket.io, Shadcn, Supabase* | 🔗

- Developed a real-time technical interview platform with features like collaborative code editor, video conferencing, and AI-based monitoring.
- Integrated multiple coding playgrounds with language support and real-time synchronization using Socket.io.
- Built a dynamic and responsive UI with TailwindCSS and Shadcn UI for a seamless interview experience.
- Added collaborative whiteboard functionality for diagram-based problem solving during interviews.

Shadow Talk | *NextJS, NodeJS, Express, Socket.io* | 🔗

- Developed a real-time anonymous chat application enabling users to communicate without registration or personal information.
- Implemented Socket.io for instant messaging and real-time room status updates.
- Created a system for public and private room creation and management with live user presence tracking.
- Designed a responsive and modern UI using Tailwind CSS, ensuring a seamless user experience across all devices.

Amazon Clone | *ReactJS, NodeJS, Express, MongoDB* | 🔗

- Developed a full-featured e-commerce platform with user authentication, product listing, and secure payment.
- Implemented a robust backend using Node.js and TypeScript, handling user data and order processing.
- Integrated Stripe for secure payment processing and order management system.
- Implemented responsive design patterns and optimized performance using React best practices.

SKILLS

Frontend	React, Redux, Vite, Next.js
Backend	Node.js, Express.js, Socket.io, Prisma
Database	MySQL, MongoDB, Supbase
Languages	C++, C, HTML, CSS, JavaScript, TypeScript

EDUCATION

B.Tech in Computer Science, SKIT, Jaipur	2021 - Present
Secondary Education, Tagore Public School, Jaipur	2014 - 2021
Primary Education, Sarasvati Vidhya Niketan, Jaipur	2006 - 2014