

ABHINAV SHRIVASTAV

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Education

Shivalik College of Engineering

B.Tech in Computer Science

Current GPA: 7.0 (Up to 4th Semester)

Sep. 2022 – Present

Dehradun, Uttarakhand

Technical Skills

Languages: Python, C++, C, JavaScript, TypeScript (Basic), HTML, CSS, SQL

Frontend Development: React.js, Next.js, Tailwind CSS, Redux, Zustand, GSAP

Backend Development: Node.js, Express.js

Database: PostgreSQL, MongoDB, MySQL

Version Control & Tools: Git, GitHub, Postman for API testing, Notion

Problem Solving: LeetCode (750+ problems), 6-star on HackerRank, 1200+ problems solved overall.

Projects

Planify - Project Management System | *Next.js, ShadCN, Clerk, Prisma, NeonDB (PostgreSQL), Tailwind CSS*

- Developed a project management tool with Next.js and ShadCN for a modern, clean UI.
- Implemented authentication and user management with Clerk, enabling seamless project organization, role-based access, and real-time collaboration.
- Integrated Prisma with NeonDB (a PostgreSQL-compatible database) for efficient data management and queries.

Shopsphere - A Full-Stack E-Commerce Website | *MongoDB, Express.js, React.js, Node.js, Zustand, Framer Motion*

- Developed **Shopsphere**, a full-stack e-commerce website using the MERN stack, integrating Zustand for state management to enhance user experience.
- Implemented live cart updates, allowing users to search products, add items to the cart, and view total bill calculations in real-time.
- Designed and built an interactive admin dashboard for product management, enabling admins to add, update, and feature products with Framer Motion-enhanced UI.

Real-Time Chat Application | *MERN Stack, Socket.IO, Zustand*

- Developed a real-time one-to-one chat application with a responsive React interface and Zustand for state management.
- Built the backend with Node.js, Express, and Socket.IO, using MongoDB for secure user data and chat history storage.

Task Management System | *MongoDB, Express.js, React.js, Node.js, React Bootstrap*

- Built a task management system with authentication using JWT tokens, allowing users to create accounts, log in, and manage tasks (complete, incomplete, archive, all tasks).
- Implemented user authentication and password hashing using bcrypt for enhanced security.
- Utilized the MERN stack and React Bootstrap to create a responsive and efficient user experience.

Shoe Store Website | *React.js, GSAP*

- Built a fully responsive website using React.js and GSAP to showcase products with engaging animations.
- Leveraged GSAP to create animated transitions and reveal effects, ensuring a visually appealing experience.

Achievements

Ranked 1st in Chakravyuh Challenge Hackathon

Uttaranchal University, Dehradun

- Secured the first position in the Chakravyuh Challenge Hackathon organized by Uttaranchal University.
- Developed an AI-powered text-to-video model that converts textual input into dynamic video outputs.

Ranked 2nd in CodeHunt

Shivalik College of Engineering, Dehradun

- Achieved second place in the CodeHunt competition at Shivalik College of Engineering.
- Demonstrated strong coding skills and problem-solving abilities among peers.