

# Dev Sharma

Full-Stack Engineer | MERN Stack Specialist | Competitive Programmer

📍 Rudrapur, Uttarakhand | 📞 +91 96900 11999 | ✉️ [sharmaadev93@gmail.com](mailto:sharmaadev93@gmail.com) | 🌐 <https://portfolio-ten-puce-61.vercel.app> | [GitHub](#) | [GeeksforGeeks](#) | [Leetcode](#)

## Summary

- Full-Stack Engineering:** Results-oriented developer specializing in the MERN Stack (MongoDB, Express.js, React.js, Node.js), with a focus on architecting scalable web applications and secure backend systems.
- Algorithmic Proficiency:** Strong foundational knowledge in Data Structures & Algorithms (DSA), evidenced by **1,000+ problems solved** across LeetCode and GeeksforGeeks, ensuring computationally efficient code.
- DevOps & Deployment:** Proficient in modern DevOps tools including Git, AWS, and Vercel for automated CI/CD pipelines and cloud-native application deployment.
- Technical Leadership:** Demonstrated engineering leadership as Vice President of TechGeeks Club, organizing technical events and mentoring peers in algorithmic problem-solving.
- Academic Excellence:** Eager to contribute to dynamic Agile environments, backed by a robust engineering background with a **7.86/10 CGPA** in Computer Science & Engineering.

## Education

**Bachelor of Technology (B.Tech) - Computer Science & Engineering** Graphic Era Hill University | 2022 - 2026

**CGPA:** 7.86 / 10.0

## Projects

### Nurify | Smart Food Tracking Application (Next.js, Node.js, Convex, MongoDB)

- Developed** a full-stack food tracking application that lets users log meals, track nutrient intake, and view their daily progress on a visual dashboard.
- Set up** secure user logins and private session management using Clerk, ensuring all personal health data and nutrition goals stay protected.
- Connected** the app to the USDA FoodData Central API to fetch reliable nutrition facts and calculate daily totals automatically.
- Designed** a hybrid database system using Convex and MongoDB to store structured goals and flexible food logs in the most efficient way.
- Created** an AI-powered chatbot that answers nutrition questions based on the user's data and sends automatic email updates when health goals are reached.

### Next Hire | Real-Time Collaborative Interview Platform (Next.js, Convex, Clerk)

- Spearheaded** the development of a live coding environment allowing sub-second code synchronization between multiple users.
- Engineered** real-time state management to support interactive coding sessions with synchronized text editing and performance-based rating systems.
- Integrated** Clerk for robust identity management, streamlining secure authentication flows and session handling for interviewers and candidates.
- Established** an automated CI/CD pipeline via Vercel Webhooks, ensuring rapid deployment cycles and immediate feedback loops for feature iterations.

### Movie Finder | Movie Discovery Application (React.js, TMDB API)

- Developed** a dynamic content discovery platform, integrating the TMDB REST API to fetch and render trending movie data with asynchronous state management.
- Implemented** advanced search algorithms and debouncing techniques to optimize query performance, ensuring accurate results with minimal API latency.
- Designed** a mobile-first, responsive user interface using Tailwind CSS, focusing on accessibility and seamless cross-device compatibility.

## Technical Leadership

### Vice President & Tech Lead | TechGeeks Club

- Directed** strategic operations for the university's technical club, leading a core team to execute large-scale coding contests and workshops.
- Spearheaded** the DSA Mentorship Program, mentoring 50+ junior students in Data Structures & Algorithms and organizing peer-learning sessions.
- Orchestrated** the "Annual 24Hr College Hackathon," managing logistics, judging criteria, and participant engagement for 150+ developers.

## Achievements

- Global Rank (Top 0.4%):** Ranked 19th out of 5,000+ students in the Graphic Era Competitive Programming leaderboard.
- Algorithmic Proficiency:** Solved **1,000+ DSA problems** across LeetCode (400+) and GeeksforGeeks (600+), specializing in Graphs and Dynamic Programming.
- Hackathon Excellence:** Secured **4th Place** in the TECHCLUB Hackathon, leading a team to develop a functional prototype under strict deadlines.
- Debugging Champion:** Awarded **2nd Place** in the Annual Debugging Contest for superior code optimization and error resolution skills.

## Technical Skills

- Languages:** JavaScript (ES6+), C++, Java, SQL, PHP, HTML5, CSS3.
- Frontend Technologies:** React.js, Next.js (App Router), Redux Toolkit, Tailwind CSS, DaisyUI, Responsive Web Design.
- Backend Technologies:** Node.js, Express.js, RESTful APIs, WebSockets ([Socket.io](#)), WebRTC, JWT Authentication.
- Databases:** MongoDB (NoSQL), PostgreSQL, MySQL, Mongoose ODM, Relational Database Management Systems (RDBMS).
- DevOps & Tools:** Amazon Web Services (AWS), Vercel, Render, Git, GitHub, CI/CD Pipelines, Postman.
- Computer Science Fundamentals:** Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP), Operating Systems (OS), Computer Networks.