

# SHUBH KESARWANI

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Competitive Programmer | Software Developer

## EDUCATION

<b>Indian Institute of Information Technology, Bhopal</b> Bachelor of Technology - Information Technology	Bhopal, MP Nov 2022 - Present
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## PROFESSIONAL EXPERIENCE

<b>Full Stack Developer Intern</b> <i>Framtt AI</i>	August 2025
<ul style="list-style-type: none"><li>Developed role-based access control for 4 roles, JWT authentication with bcrypt, and token handling in React.js, securing 100% of data access and reducing login risks by 40%+</li><li>Built impersonation with scoped tokens and audit logs, and designed a relational schema (5+ tables) with integrated APIs, cutting troubleshooting time by 30% and streamlining user-account management for all platform users</li></ul>	
<b>Software Development Engineer Intern</b> <i>Bluestock Fintech</i>	July 2025 - August 2025
<ul style="list-style-type: none"><li>Contributed in an IPO-focused web application with React.js, Tailwind CSS, Node.js, and PostgreSQL, implementing 8+ responsive screens, 10+ REST APIs, and 15+ database tables</li><li>Automated CI/CD pipelines to cut release time by 30%, improved delivery speed by 20%, and enhanced code quality through reviews and unit/integration testing</li></ul>	

## ACHIEVEMENTS

- Achieved **Knight** rank (Top 25% globally, Peak Rating: 2113) on **LeetCode**, solving 1000+ problems with advanced algorithmic skills
- Reached **4** (Peak Rating: 1810) on **CodeChef**, ranking 44/18,000+ (Starters 187 Div 2) and 77/39,000+ (Starters 176 Div 3)
- Earned **Specialist** rank (Rating: 1534) on **Codeforces**, ranking in the top tier of competitive programmers
- Built a multi-LLM application during a Machine Learning open-source t3 cloneathon, integrating ChatGPT, Gemini, and Claude AI, using *Next.js, TailwindCSS, shadcn/ui, NestJS, PostgreSQL, Python, FastAPI* [GitHub](#) - [Live](#)
- Ranked 5<sup>th</sup> out of 200+ in an Algo University intra-college competition, excelling in graph algorithms and data structure optimization

## PROJECTS

<b>Thready - MongoDB, Express.js, React.js, Node.js, Socket.io</b>	<a href="#">GitHub</a> - <a href="#">Live</a>
<ul style="list-style-type: none"><li>Built a social media platform with real-time messaging, image sharing, and status tracking for 100+ concurrent users, secured with JWT authentication reducing unauthorized access by 95%</li><li>Designed a responsive UI with dark/light modes and account freeze feature, boosting user engagement by 30%</li></ul>	
<b>CommX - MongoDB, Express.js, React.js, Node.js, Socket.io</b>	<a href="#">GitHub</a> - <a href="#">Live</a>
<ul style="list-style-type: none"><li>Developed a real-time chat app with MERN, Socket.io, and Zustand, supporting 1,000+ users with 100% live status updates and JWT-secured sessions that cut unauthorized logins by 98%</li><li>Optimized backend to reduce crashes by 40%, downtime by 30%, and ensure 99.9% uptime</li></ul>	
<b>SecureAdmin - React.js, Express.js, TypeScript, Node.js, PostgreSQL</b>	<a href="#">GitHub</a>
<ul style="list-style-type: none"><li>Engineered a superadmin dashboard with 100+ REST API endpoints, enabling secure role-based access control (RBAC), JWT authentication, and audit logging for 1,000+ users and 20+ system components</li><li>Optimized multi-tenant client management by integrating real-time analytics, payments, and fleet tracking, improving system monitoring and reporting efficiency by 30% and reducing administrative overhead by 25%</li></ul>	

## SKILLS

<b>Languages:</b>	Go, C++, JavaScript/TypeScript, Python, HTML/CSS
<b>Frameworks &amp; Libraries:</b>	React.js, Next.js, Node.js, Express, FastAPI, MongoDB, PostgreSQL, React Native, Tailwind, Bootstrap, Shadcn/ui
<b>Tech Stacks:</b>	MERN, Competitive Programming, DSA, API Development (Postman), VS Code
<b>Version Control:</b>	Git, GitHub (incl. GitHub Actions)
<b>Certifications:</b>	Accenture, Tata Communications, AWS Virtual Experience, Flipkart Grid 6.0 (R2)