SHUBH KESARWANI

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Competitive Programmer | Software Developer

EDUCATION

Indian Institute of Information Technology, Bhopal   Bhopal, MP
Bachelor of Technology - Information Technology   November 2022 - Present

ACHIEVEMENTS

- **LeetCode:** Captured the esteemed Knight rank (top 25% global) by achieving a remarkable 1939 rating, showcasing advanced strategic reasoning and precision coding

- **CodeChef:** Achieved 3* (Peak Rating: 1703), and ranked 77th out of 39,000+ (Starters 176 Div 3) and 95th out of 22,000+ (Starters 132 Div 3), demonstrating strong algorithmic proficiency

- **CodeForces:** Ranked Specialist(1526) and solved 1,000+ Data Structures and Algorithms (DSA) problems across various coding platforms

- **Graph Algorithm Contest:** Attained 5th rank out of 200+ in an Algo University intra-college competition, showcasing expertise in graph algorithms and data structure optimization

- **Edge'23 (IIIT Bhopal):** Achieved 25th out of 250+ in the Kimo coding challenge, competing against top university programmers

- **Coderush (IIIT Bhopal):** Earned 28th rank out of 250+ in an intra-college coding competition, demonstrating efficiency in competitive programming

PROJECTS

THREADY - *MongoDb, ExpressJs, ReactJs, NodeJs*   **Github**

- Created a social media platform with real-time messaging, image sharing, and status tracking, supporting 100+ concurrent users

- Strengthened security with JWT authentication, minimizing unauthorized access by 95%

- Designed a fully responsive UI with dark/light mode and an account freeze option, increasing user engagement by 30%

COMMX - *MongoDb, ExpressJs, ReactJs, NodeJs, Socket.io*   **Github**

- Built a real-time chat app using MERN, Socket.io, and Zustand, supporting 1,000+ users with zero message lag and 100% real-time status tracking

- Secured 100% of user sessions with JWT authentication, reducing unauthorized logins by 98% and improving data privacy

- Optimized backend performance, cutting crashes by 40%, downtime by 30%, and maintaining 99.9% uptime

EVOGYM - *ReactJs, Typescript, TailwindCss*   **Github**

- Developed a fitness platform for 1,000+ users, automating workout tracking, progress analytics, and class scheduling, increasing engagement by 45%

- Built a React and TypeScript front end, integrating real-time logs, dashboards, boosting user interaction by 40%

- Improved user retention by 30% by designing an intuitive UI with categorized workouts and community discussion forums

SKILLS

Languages:	C++, C, JavaScript, TypeScript, HTML, CSS, Python
Frameworks & Libraries:	Tailwind CSS, Material UI, Bootstrap, React.js, Node.js, Express.js, MongoDB
Tech Domain:	MERN Stack Development, Web Development, Competitive Programming, Data Structures and Algorithms
Git Tools:	Git, GitHub (with GitHub Actions)
Certifications:	Accenture, Tata, AWS Virtual Experience Programme, Flipkart Grid 6.0

HOBBIES AND POSITION OF RESPONSIBILITY

- Competitive Programming(C++), Team Sports(Football), Mobile games

- Supported event organization and promotion for **Arunoday Club, IIIT Bhopal**

- Served as **School Captain** at Bhavan's Mehta Vidyashram