

SHUBH KESARWANI

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Competitive Programming and Web Development Enthusiast

EDUCATION

Indian Institute of Information Technology, Bhopal

Bachelor of Technology - Information Technology *CGPA: 7.76*

Bhopal, MP

November 2022 - Present

ACHIEVEMENTS

- **CodeChef:** Secured **95th** out of **3,300+** (Starters 132 Div 3) and **146th** out of **4,600+** (Starters 129 Div 3), demonstrating strong algorithmic proficiency
- **Competitive Programming:** Achieved **3* CodeChef** (Peak Rating: **1624**) and solved **1,000+** Data Structures and Algorithms (DSA) problems, including **Linked Lists, Trees, Graphs, and Dynamic Programming (DP)**
- **LeetCode:** Ranked in the **Top 2.5%** globally, securing **736th** out of **30,000+** in **LeetCode Weekly Contest 437** (Peak Rating: **1744**)
- **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 **inter-college coding competition**, demonstrating efficiency in competitive programming

PROJECTS

CommX

<https://github.com/Shubhkesarwani02/CommX/>

- 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

<https://github.com/Shubhkesarwani02/evogym/>

- 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, and AI recommendations, boosting user interaction by 40%
- Improved user retention by 30% by designing an intuitive UI with categorized workouts and community discussion forums

Sound Sphere

<https://github.com/Shubhkesarwani02/sound-sphere/>

- Created an e-commerce platform using React and Tailwind CSS, managing 50+ products with instant search, one-click checkout, and adaptive UI
- Boosted page load speed by 40% using lazy loading, optimized API calls, and asset management, reducing bounce rate by 35%
- Increased conversion rates by 25% with predictive search, frictionless cart, and streamlined checkout, lowering abandonment by 30%

SKILLS

Languages: C++, C, JavaScript, Typescript, HTML, CSS, Python
Certifications: Accenture, Tata, Amazon Web Services Virtual Experience Programme, Flipkart Grid 6.0 L1
Frameworks: Tailwind CSS, Material UI, Bootstrap, React.js, Node.js, OOPS
Tech Domain: Web Development, Competitive Programming, Data Structures, and Algorithms
Git Tools: Git, GitHub (with GitHub Actions)

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