

GAURAV KUMAR

☎ +91 89418 81101 ✉ kumargauravg20@gmail.com  LinkedIn  GitHub  CodeForces  LeetCode

EDUCATION

Indian Institute of Information Technology, Bhopal

Nov 2022 – Present

B.Tech in Information Technology

CGPA: 7.49

- **Relevant Coursework:** Data Structures & Algorithms, Computer Networks, DBMS, OOP

PROJECTS

Jobsy—Job & Internship Portal

[Link](#) — [GitHub](#)

MERN · Role-Based Access · Performance Tuning

- Deployed a MERN portal with 200+ active users and 1K+ job listings, enabling daily job applications and profile views.
- Reduced job search time by 30% with multi-criteria filters (skills, location, job type) and caching mechanisms.
- Implemented JWT-based auth and profile dashboards, leading to a 25% increase in user return rate.
- Improved page load time by 40% by compressing bundles and optimizing 90% of backend API queries.

CodePad—Online Code Playground

[Link](#) — [GitHub](#)

React · Node.js · OCR & TTS

- Launched a live coding IDE for HTML/CSS/JS with 70+ weekly active users during internal pilot runs.
- Increased session retention by 50% by implementing personal code saves and JWT session management.
- Reduced code re-entry time by 40% with OCR integration and improved accessibility with TTS features.
- Added modular file navigation, helping users organize 3–5 code snippets per session more efficiently.

GemCook—Your AI-Powered Kitchen Companion

[Link](#) — [GitHub](#)

MERN · Gemini API · Tailwind CSS

- Generated over 300+ recipe suggestions/day using Gemini API, catering to user preferences and dietary needs.
- Reduced manual grocery tracking by 70% with intelligent pantry analysis and auto-generated shopping lists.
- Enabled recipe save/delete functionality, resulting in 150+ recipes being managed across 60+ users.
- Achieved a 92% mobile satisfaction score through responsive Tailwind CSS UI and fast user interactions.

TECHNICAL SKILLS

- **Languages:** JavaScript, TypeScript, C++, SQL, Bash
- **Frameworks & Libraries:** React, Node.js, Express, REST APIs, WebSocket
- **Tools & Platforms:** Docker, Git, AWS, Linux, GitHub Actions, Postman
- **Databases:** MySQL, MongoDB
- **Concepts:** System Design, Distributed Systems, Algorithms, Data Structures

ACHIEVEMENTS

- Secured **52nd rank** in “Algo University,” IIIT Bhopal’s intra-college coding contest.
- Advanced to **Round 2** of “Algo Arena,” IIIT Bhopal’s flagship coding competition.
- Achieved global rank **49/32,303** in CodeChef Starters 182 (rated).