

Omkar Gaikwad

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EDUCATION

Indian Institute of Information Technology, Bhopal
Bachelors of Technology – Information Technology (IT)

September 2023–June 2027
CGPA 8.57

Relevant Coursework: **Data Structure & Algorithms, Object Oriented Programming**

PROFESSIONAL EXPERIENCE

IAmMaturity | Full Stack Developer Intern

July 2025 – August 2025 | [link](#)

- Engineered **scalable backend APIs** with Express.js, MongoDB, Redis, and Kafka, **reducing API response time by 35%** for 1K+ daily requests.
- Built monitoring pipelines for **100+ backend endpoints** using Postman, and custom middleware, **cutting debugging time by 40%**. implemented **JWT-based role-based access control**.
- Developed and integrated **4+ job** search and ranking models using Fuse.js, MongoDB, and **Typesense** for efficient, personalized recommendations.

CODAME | CP Team Executive

Aug 2024 – May 2025

- Designed **competitive programming problems** and organized **5+ contests**, including a 2-stage challenge and FLOC.
- Spearheaded **national-level coding contests** (CodeChef and Optigo) with **700+ registrations each**.
- Coordinated and managed **competitive coding events** during the annual college fest, driving active student participation.

ACADEMIC PROJECTS

CollabAide | MERN , Socket.io , Gemini API , Redis , TailwindCSS

[Github](#)

- Developed a **real-time collaborative coding platform** with LLM-based code assistance, markdown preview, and low-latency code sync for distributed teams.
- Integrated **Gemini Pro API** for contextual code explanations and live documentation, with Redis caching improving response times by **50%**.
- Architected a **scalable backend** with Express.js, **Socket.io**, and JWT authentication, implementing **rate-limiting** for secure multi-user environments.

AI Image Generator | MERN, JWT, Tailwind CSS, Clipdrop API, Razorpay

[Github](#)

- Developed a secure AI-powered image generation platform ,Capable of Handling **10K+ users** with **download-ready, high-resolution images**.
- Integrated **5+ API endpoints** including Clipdrop for image generation and Razorpay for seamless payment processing.
- Implemented **token-based usage system** with **100 free tokens** for users, optimized backend handling, and JWT authentication.

Book Store Website | MERN , Firebase, JWT, Redux

[Github](#)

- Built a full-stack book store platform which can Manage **10K+** and **100+ products** with features like cart, checkout, and admin dashboards.
- Implemented **secure authentication** using JWT for admins and **Firebase** for user login/registration.
- Developed **book management, cart, checkout, and order history** modules with state management via Redux and REST APIs.

ACHIEVEMENTS & CERTIFICATES

- Completed **650+** algorithmic challenges on LeetCode and ranked in the **top 14.84%** globally with a peak score of **1680** and **best rank of 2070**, showcasing advanced proficiency in competitive coding environments
- Achieved a **global ranking of 255** in the CodeChef **Starters 167** Div 3 Contest among **35,000+** participants. Earned a CodeChef **3 Star rating** with a peak rating of **1629**, demonstrating the ability to solve complex coding problems
- Attained **Pupil rank on Codeforces**, with highest rating of **1280**, showcasing proficiency in tackling competitive programming challenges under pressure.
- Cleared **AlgoUniversity** Technology Fellowship (ATF) Stage 1 and ranked among the **top 20%** out of **20,000** students nationwide in **Stage 2**, showcasing strong analytical and technical skills

SKILLS

- Languages:** C++, C, Java, HTML, CSS, JavaScript , python , SQL
- Technologies:** MongoDB, Express, React JS, Node JS (MERN), Bootstrap, Material-UI, Tailwind CSS, Next JS
- Developer Tools:** Git, Github, VS Code, Netlify , Render , Docker , Postman , Jira
- Core CS:** Data Structures and Algorithms, Object Oriented Programming, OS, DBMS , System Design
- Soft Skills:** Leadership, Team Management, Public Speaking, Content writing