





AYUSH BANSAL

☎ +91-7976378617 ✉ ayushbansal1011@gmail.com  [Linkedin](#)  [Github](#)  [LeetCode](#)  [Codechef](#)

EDUCATION

Vellore Institute of Technology, Bhopal

2022 – 2026

B.Tech - Computer Science and Engineering - **CGPA - 8.61**

Bhopal, Madhya Pradesh

EXPERIENCE

KodeKarma 

Oct 2024 - ongoing

Role - Software Developer Intern

- Contributed to the development of a robust coding and learning platform, **KodeKarma.dev**, serving **8000+ active users**. The platform offers coding challenges, comprehensive courses, curated interview preparation resources, interview experiences, Blogs, Articles and user-friendly profile management features.

Geekster 

Feb 2024 - May 2024

Role - Teaching Assistant | Data Structures and Algorithms, Python

- Empowered more than **100** students to master **Data Structures and Algorithms**, significantly enhancing their problem-solving abilities and programming proficiency.
- Conducted **120+** doubt sessions, resolved more than **1,000** queries with a average rating of **4.78/5**
- Increased student engagement by **25%** through interactive discussions, live coding demonstrations, and problem-solving workshops, leading to higher retention rates
- Contributed to a **15%** improvement in course material effectiveness by refining content, adding real-world examples, coding challenges, and structured problem-solving strategies.

PROJECTS

KodeKarma  | [Next.js](#), [TypeScript](#), [GraphQL](#), [Prisma](#), [Mantine](#), [PostgreSQL](#), [Sandpack](#)

- Designed and implemented a **real-time code editor** using **codesandbox/sandpack**, **monaco-editor** which Enabled users to write, execute, debug, run, test and submit code
- Incorporated features like **live preview** for web technologies, **console** for debugging, **resizable panels** for the editor, and error highlighting
- Built and optimized a **profile management system** using **Next.js**, **Mantine UI**, and **GraphQL**, allowing users to track progress, manage social links, view personalized content like billing, activity and dashboard.
- Implemented a **GraphQL-powered** related resources module for articles in Next.js, enabling **dynamic content linking** based on admin-configured queries. Optimized data retrieval with **partial GraphQL queries**
- Optimized data retrieval with efficient **GraphQL queries and mutations**, enabling real-time updates for **8000+** registered users without page reloads.
- Led a team of **3** developers, reviewed pull requests and integrating key platform features while ensuring timely delivery and high code quality using **ESLint**, **Prettier**, and **TypeScript** best practices.

MingliFy  | [MERN Stack](#), [JWT](#), [Socket.IO](#), [Zustand](#), [Tailwind CSS](#), [DaisyUI](#)

- Developed a real-time chat application using **MERN Stack** with **Socket.IO** for instant messaging, **JWT-based authentication**, and secure user sessions
- Implemented responsive UI with **Tailwind CSS** and **DaisyUI**, optimized state management with **Zustand**, and integrated React Hook Form for smooth user interactions

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, TypeScript, SQL

Frontend: React.js, Next.js, HTML5, CSS3, Mantine UI, DaisyUI, Tiptap Editor, Tailwind CSS, Sandpack

Databases: MySQL, PostgreSQL, MongoDB

Backend: Node.js, Express.js, GraphQL, RESTful APIs, JWT Authentication, Socket.IO

Additional: MERN Stack, Zustand, Git, GitHub, Data Structures and Algorithms

Competitive Programming

- Qualified for **ICPC Asia West Regionals 2024**
- Solved **900+** Data Structures And Algorithms Problems
- Ranked 4th out of 3,500+** students in Coding and Problem-Solving Immersion Program at VIT Bhopal.
- Achieved **AIR 357** out of 32,000+ participants in Leetcode Biweekly Contest 129
- Achieved a global **64th** rank out of 6000+ participants in CodeChef Starters 111 Contest
- Earned 6 Stars at HackerRank in DSA