

ASHISH SONI

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Education

GL Bajaj Institute of Technology and Management

B.Tech in Information Technology

July 2023 – Present

CGPA: 8.4

Agra University

Bachelor of Science in Mathematics

June 2019 – May 2022

Percentage : 70%

Projects

CODELAB | Website | GitHub

March 2025

- Built an AI-powered collaborative code editor with WebRTC-based audio/video communication, improving remote team development workflows by 40%
- Implemented Monaco Editor with Socket.io for real-time code synchronization, supporting 20 concurrent users with less than 50 ms latency
- Integrated AI code completion and error detection functionality using OpenAI API, reducing debugging time by 35% and increasing productivity
- Developed host controls for managing participant permissions, enhancing security for classroom and professional coding sessions
- Tech Stack: MongoDB, Express.js, React.js, Node.js, Socket.io, WebRTC, Monaco Editor, Redux, JWT Authentication

CODEX NETWORK | Website | GitHub

December 2024

- Architected and deployed a full-stack programming community platform that attracted 500+ active users within three months of launch
- Engineered WebSocket-based real-time communication system, enabling instant messaging and interactive forum discussions
- Built efficient state management architecture using Redux Toolkit, reducing API calls by 25% and improving application responsiveness
- Tech Stack: React.js, Redux Toolkit, MongoDB, Express.js, Node.js, WebSocket, REST APIs, HTML5, CSS3

Skills

- Languages:** Java, C, C++, JavaScript, HTML, CSS
- Frameworks:** Node.js, Express.js, Bootstrap, Tailwind
- Libraries:** React.js, Redux-Toolkit, Appwrite
- Developer Tools:** Git, GitHub, Postman, VS Code, IntelliJ, Eclipse
- Databases & Deployment:** MongoDB, MySQL, Vercel, Render, Netlify
- Soft Skills:** Effective Communication, Team Collaboration, Flexibility, Leadership Qualities

Achievements

- Qualified multiple Competitive Exams: **UPSC NDA, IAF X(Tech), INDIAN NAVY AA/SSR**
- Achieved Global Rank - **412** among 30,000+ active participants in LeetCode Weekly contest 447
- Developed strong Data Structures and Algorithms expertise by consistently solving **1300+** coding problems across LeetCode, CodeForces, GeeksForGeeks, and other competitive programming platforms
- Secured rank **1st** in **HackQuest**, a competitive programming contest on HackerRank with 1000+ participants
- Achieved top 4% ranking among global LeetCode users with consistent **1000+** rating, peak contest rating of **1955**, and earned LeetCode Knight Badge

Leadership Experience

Google Developers Group GLBITM

September 2024 – Present

Competitive Programming Team Lead

Greater Noida

- Orchestrated** rigorous coding practice sessions as Team Lead for GDG on Campus GLBITM's Competitive Programming unit, growing active membership from seven to fifteen participants per session
- Conducted** over 5 interactive training sessions focused on data structures and algorithms, improving participants' technical proficiency through practical exercises

Coding Profiles

LeetCode | GeeksForGeeks | CodeForces | HackerRank | CodeChef | Github