Akshat Kumar

📞 +91 8810667615   ✉ akshatkumar554@gmail.com   in Linkedin   ⊙ Github

EDUCATION

VIT Bhopal University   Expected May 2026
B.Tech, Computer Science and Engineering   CGPA: **8.68**

TECHNICAL SKILLS

Languages: C++, Python, HTML5, CSS   **Frontend:** React, TailwindCSS, Javascript
Tools: Git, GitHub, Canva, Notion   **Backend:** Node.js, Express
Cloud: AWS (EC2, IAM), Docker   **Databases:** MySQL, MongoDB, Redis

PROJECTS

QuickChat: Real-Time Messaging App *React, TailwindCSS, Node.js, Express, MongoDB, Socket.IO*   *Link*

- Built a full-stack real-time chat platform enabling **instant messaging** between registered users without page reloads using **Socket.IO** for bi-directional communication.
- Developed **secure backend APIs** with Node.js and Express.js, integrated with MongoDB for **JWT-based user authentication**, message storage, and chat room management.
- Designed an intuitive frontend using React.js, featuring responsive UI, dynamic conversations, and **real-time updates** for seamless chatting experience across devices.
- Enabled instant delivery of sent messages by maintaining WebSocket connections, ensuring **low latency** and reliable communication.

ThinkBoard: Full-Stack Note-taking Application *React.js, Node.js, Express.js, MongoDB*   *Link*

- Built a responsive and fully featured **MERN** stack notes application, enabling full **CRUD operations** and seamless real-time synchronization across multiple devices.
- Designed **RESTful APIs** and a modular backend architecture using **Mongoose** with integrated **Redis-based rate limiting** set at 30 requests per/minute, ensuring robust security.
- Developed a dynamic single-page application frontend in React with React Router, styled UI components using **Tailwind CSS** and **DaisyUI**, plus axios integration and toast notifications for enhanced UX.

TeamTrack: Employee Management System *React.js, Node.js, TailwindCSS*   *Link*

- Built an intuitive **Employee Portal** for task tracking, progress updates, and personal task queue management.
- Implemented secure **Authentication and Role-Based Access Control** with responsive UI using React and Tailwind CSS; integrated localStorage for session persistence.
- Designed and deployed a workflow-based **Admin Dashboard** with real-time status updates.

CO-CURRICULAR

- Secured a top **25% rank** among 100 candidates in Zenken's Japanese Language Proficiency Test (**N5**).
- **AWS** Educate and Builder Certified with **8 badges** (Credly).
- Certified **Oracle Cloud Infrastructure** (OCI) Foundations Associate (93%).
- Consistent problem-solving contest rating of **1400+** (LeetCode).

EXTRA-CURRICULAR

- Completed **Rockschool's Guitar** Grade 2 exam with **84%** marks (Merit).
- Completed the **100daysofcode** challenge to strengthen programming and problem-solving skills, posting daily progress updates and insights on LinkedIn throughout the journey.
- Placed **3rd** in the **District Skate Hockey** Championships organized by **UPRSA** (2018-19).