

# Akshat Kumar

+91 8810667615

akshatkumar554@gmail.com

LinkedIn

Github

## EDUCATION

VIT Bhopal University

B.Tech, Computer Science and Engineering

Expected May 2026

CGPA: **8.68**

## TECHNICAL SKILLS

**Languages:** C++, Python, HTML5, CSS

**Tools:** Git, GitHub, Canva, Notion

**Cloud:** AWS (EC2, IAM), Docker

**Frontend:** React, TailwindCSS, Javascript

**Backend:** Node.js, Express

**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**). [Link](#)
- **AWS Educate Certified** with **8 badges** (Credly), demonstrating a strong foundation in cloud services. [Link](#)
- Certified **Oracle Cloud Infrastructure (OCI) Foundations Associate** (93%). [Link](#)
- Completed Oracle Cloud Infrastructure **AI Foundations Associate** certification. [Link](#)
- Consistent problem-solving contest rating of **1400+** (LeetCode). [Link](#)

## 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).