

Akshat Kumar

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LinkedIn

Github

EDUCATION

VIT Bhopal University

B.Tech, Computer Science and Engineering

Expected May 2026

CGPA: **8.68**

TECHNICAL SKILLS

Languages: C, C++, Python, HTML, CSS

Tools: Git, GitHub, Canva, Notion

Cloud: AWS (EC2, IAM), Docker

Frontend: React, TailwindCSS, Javascript

Backend: Node.js, Express, Next.js

Databases: MySQL, MongoDB, PostgreSQL

PROJECTS

EMS: Full-Stack Employee Management System *React.js, Node.js, Express.js*

[Link](#)

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

ProjNest: Project Management System *Next.js, PostgreSQL, AWS S3, Redux Toolkit*

[Link](#)

- Architected a comprehensive project management platform with **4 dynamic view modes** (Board, List, Timeline, Table) supporting task lifecycle management, real-time status updates, and collaborative workflows.
- Engineered a robust backend API with **Prisma ORM** and PostgreSQL, implementing complex relational data models for projects, tasks, users, teams, and comments with optimized query performance.
- Developed an interactive **Gantt chart timeline visualization** using gantt-task-react library, enabling project managers to track progress, dependencies, and deadlines across multiple projects simultaneously.
- Implemented advanced features including **drag-and-drop task management**, priority-based filtering, AWS S3 file attachments, and real-time search functionality across tasks, projects, and users.
- Built responsive UI components with **Tailwind CSS** and integrated Redux Toolkit for state management, supporting both light and dark themes with seamless user experience across devices.

ThinkBoard: Full-Stack Notes 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.

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).
- 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).