Akshat Kumar

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EDUCATION

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

TECHNICAL SKILLS

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

PROJECTS

EMS: Full-Stack Employee Management System *React.js, Node.js, Express.js*   July 2024

- 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*   September 2025

- 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.

MovieVerse: Responsive Movie Discovery App *React.js, Context API, TMDb API*   August 2024

- Integrated the **TMDb REST API** to fetch and display real-time movie data, enabling dynamic search and discovery of popular titles.
- Implemented persistent state management for user favorites using the **React Context API** and browser **localStorage**, ensuring data is saved across sessions.
- Engineered a responsive, multi-page user interface with **React Router** for seamless client-side navigation and a modular, reusable component architecture.

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

- **Placed 3rd in the District Skate Hockey Championships** organized by UPRSA (2018-19).
- Completed **Rockschool's Guitar** Grade 2 exam with **84%** marks (Merit).