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
Cloud: AWS (EC2, IAM) Docker, Notion   **Databases:** MySQL, MongoDB, Excel

PROJECTS

DrAIpe: AI-Driven E-commerce Platform *Gemini API, MongoDB, Node.js, React.js*   February 2025

- Engineered a full-stack e-commerce platform for hyper-personalized fashion discovery, integrating the **Gemini API** to provide a virtual styling experience from multi-modal inputs (images and text).
- Developed a high-performance backend that uses **advanced prompt engineering** to distill user queries into precise keywords for a custom **regex matching engine**.
- Architected the system to efficiently query a **MongoDB** database of over **10,000** product entries, ensuring highly relevant and rapid search results for an enhanced user experience.

FinTrack: Full-Stack Expense Tracker *React.js, Node.js, Express.js, MongoDB*   November 2024

- Engineered a full-stack personal expense tracker using the **MERN stack** to provide users with comprehensive control and analysis of their financial data.
- Developed a secure **RESTful API** with Node.js and Express.js, implementing **JWT-based authentication** to protect user sessions and financial information.
- Created a dynamic and responsive user interface with **React**, featuring interactive data visualizations to offer users actionable insights into their spending habits.

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.

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.

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).

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).