

Chandan Kumar Verma

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EDUCATION

Vellore Institute Of Technology

Bachelor of Technology in Computer Science and Engineering – CGPA: 7.82

Nov 2022 – Present

TECHNICAL SKILLS

Languages: C, C++, Python, JavaScript

Web: HTML, CSS, React.js, Node.js, Express.js, TailwindCSS

Database: MongoDB, MySQL

Tools/Platforms: Git, GitHub, AWS (EC2, S3), Excel

Libraries/Frameworks: Pandas, NumPy, Matplotlib

Core Skills: RESTful APIs, Data Structures and Algorithms

PROJECTS

AI-Powered Blog Application | MERN Stack, Google Gemini API, ImageKit [LINK]

- Developed a full-stack AI-driven blog platform using MERN Stack, enabling users to create, edit, and manage AI-generated blogs with CRUD functionality.
- Integrated Google Gemini API for automated content generation and ImageKit for optimized image rendering, improving load efficiency by 40%.
- Implemented JWT-based authentication, ensuring secure user access and robust API protection.

Expense Tracker Web App | MongoDB, Express.js, React.js, Node.js [LINK]

- Developed a full-stack expense tracker handling 500+ transactions/day with backend response times under 200ms.
- Implemented secure JWT authentication and full CRUD support for expense management.
- Optimized React component performance with Hooks and modular state management for 35% faster rendering.

Prime Properties | React.js, TailwindCSS, FramerMotion, Aceternity UI Patterns

- Built a fully responsive property listing website using React.js, TailwindCSS, and Aceternity UI patterns, focusing on clean layouts and modern design components.
- Implemented Framer Motion for smooth animations, interactive transitions, and enhanced user experience throughout the application.
- Developed reusable React components, optimized state management, and improved performance for faster property filtering and seamless navigation across all devices.

CERTIFICATIONS

Generative AI Career Essentials – IBM Career Education

Jan 2025 – Apr 2025

Full Stack Developer – MERN Stack – SmartBridge x MongoDB

Jan 2025 – Apr 2025

EXTRA-CURRICULAR ACTIVITIES

- **Event Management Team Member:** Coordinated large-scale university events with over 3000 participants, ensuring smooth operations.
- **Volunteer, ADVITYA Fest:** Managed inter-committee coordination across 10+ technical and cultural events.