Chandan Kumar Verma

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EDUCATION

Vellore Institute Of Technology   Nov 2022 – Present
B.Tech in Computer Science and Engineering   *CGPA: 7.82*

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 [GitHub]

- Developed a full-stack blog platform implementing RESTful APIs for content creation, editing, and deletion.
- Integrated Google Gemini API to automate content generation, reducing manual effort by **60%**.
- Optimized image delivery using ImageKit, improving page load time by **40%**.
- Implemented JWT-based authentication and role-based access control.

Expense Tracker Web Application | MongoDB, Express.js, React.js, Node.js [GitHub]

- Built an expense tracking application with modular features for categorizing and filtering expenses.
- Designed backend services to support secure CRUD operations and user-specific data handling.
- Improved frontend efficiency by **30–35%** using React Hooks and optimized state management.

CosmicEstate | React.js, TailwindCSS, Framer Motion, Aceternity UI Patterns [GitHub]

- Created a responsive property listing interface optimized for desktop and mobile devices.
- Implemented smooth UI animations with Framer Motion for improved interaction flow.
- Refactored reusable components, reducing code duplication by **25%**.

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 university events with 3000+ participants

Volunteer, ADVITYA Fest — Coordinated 10+ technical and cultural events