

Aman Kumar

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Summary

MERN stack developer with experience building full-stack web apps including admin dashboards, authentication systems, and GenAI-powered tools. Passionate about scalable frontend/backend systems and exploring AI integration. Strong foundation in Data Structures and Algorithms, with active participation in hackathons and coding contests.

Education

Haldia Institute Of Technology, B.Tech in [Electrical] – *Haldia, West Bengal*

Sept 2023 – Jun 2027

- GPA: 7.8
- Coursework: Data Structures, Web Development, Operating Systems

Skills

Programming Languages: C, C++, Python, Java

Web Development: HTML, CSS, JavaScript, ReactJS, NodeJS, ExpressJS

Libraries/Frameworks: Bootstrap, Tailwind CSS, Material UI

Databases: MongoDB, MySQL, Firebase

Developer Tools: Git, GitHub, Postman, VS Code

Design Tools: Figma

Projects

Verify AI – Scam/Fake Message Detector

verify-ai-app.onrender.com

- Built a MERN-based tool using GenAI to detect scam/fake messages.
- Integrated Hugging Face transformer model for content classification.
- Designed a responsive UI with feedback-based message handling.

HomeStay – Hotel Booking Web App

homestay-374t.onrender.com/listings

- Developed a full-stack hotel booking application allowing users to search, view, and book stays.
- Implemented user authentication, dynamic listings, and booking management.
- Designed with clean UI, protected routes, and modular backend logic.

AlgoVisualizer – Sorting Algorithm Visualizer

algo-visual-sigma.vercel.app

- Built a React tool to visualize sorting algorithms like Bubble, Merge, and Selection Sort.
- Implemented step-by-step animations to demonstrate logic flow.
- Prioritized intuitive UX and educational clarity in visuals.

Achievements

Top10 Finalist – The Trinity Tech Challenge 2025

Developed and deployed a real-time coding evaluation platform: **CodeCheck**

Top 100 Rank – CodeArena Contest 2025

Finalist – Internal College Coding Competitions

Active participant in DSA challenges on LeetCode and college sheet