Aman Rathour

Bachelor of Technology
Computer Science and Engineering
Vellore Institute of Technology, Bhopal

+91-6386072423
amanrathour225@gmail.com
linkedin.com/in/aman-rathour-vitb/
github.com/amanrathour14

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. CSE	Vellore Institute of Technology, Bhopal	8.11/10	June 2025
Senior Secondary	The Aryan's School, Jhansi	84%	June 2021
Secondary	Jai Academy, Jhansi	80.82%	May 2019

EXPERIENCE

- **Adjecti Solutions Pvt. Ltd.** *Jan 2025 – Present*
  Software Developer Noida, India
  - Develop full-stack web applications using Spring Boot, leveraging MVC architecture, dependency injection, and RESTful API design.
  - Implement CRUD operations and integrate MySQL database via Spring Data JPA, optimizing queries and ensuring data integrity.
  - Delivered a Client Management System with end-to-end functionality through JSON-based REST APIs.
  - Developed an AI-powered E-Commerce Customer Support Chatbot with FastAPI backend, React + TypeScript frontend, and Groq LLM for intelligent, context-aware responses.
  - Designed MySQL database schema, implemented REST APIs, and enabled real-time chat with persistent conversation history.

PROJECTS

- **SwasthRail: Comprehensive Healthcare Management System for Indian Railways** *June 2024 – April 2025*
  Tools: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MySQL, Power BI
  - Led the architectural design and development of a healthcare system, coordinating a 5-member team.
  - Engineered and implemented a full-stack web platform integrating online doctor-patient appointment booking, emergency response, and telemedicine services.
  - Directed healthcare data analysis using SQL and Power BI to optimize hospital resource allocation and gain patient insights.
  - Designed intuitive portals for doctors and patients and created platform branding including the logo.
  - Launched the system, reducing appointment wait times by 70% and improving healthcare access for millions of Indian Railways employees and their families.

- **Vikreta: E-Commerce Platform for Local Craftsmen** *May 2023 – March 2024*
  Tools: HTML, CSS, JavaScript, MongoDB, Express.js, React, Node.js (MERN Stack)
  - Identified a market gap where local artisans lacked digital presence, limiting sales to local offline channels.
  - Led the development of a full-featured e-commerce platform bridging traditional craftsmanship with a digital marketplace.
  - Conducted user research and surveys to gather artisan and customer insights; built a responsive frontend with catalog, cart, and payment integration.
  - Onboarded 50+ artisans, enabling them to showcase products and accept orders online from across India.
  - Achieved a 40% increase in artisan sales within the first quarter post-launch by expanding reach and improving accessibility.

SKILLS

- **Programming Languages**: Java, SQL
- **Backend Technologies**: Spring Boot, Spring Data JPA, Spring MVC, REST APIs
- **Frontend Technologies**: HTML, CSS, Javascript, React, Angular 19
- **Soft Skills**: Team Leadership, Communication, Problem-Solving, Time Management, Adaptability

CERTIFICATIONS

- **Amazon Web Services**, AWS Certified Cloud Practitioner *Feb 2024*
- **HackerRank**, SQL Certification (Basic & Intermediate) *Feb 2023*

Positions of Responsibility

- **Co-Founder & Vice President,** Internet of Things Club, VIT Bhopal *Aug 2022 – Oct 2023*
  - Co-founded and established Internet of Things Club to create a platform for technical learning, innovation, and skill development, serving as Vice President to build organizational structure and coordinate activities.
  - Built the organizational structure and led 45+ core members and 200+ volunteers across campus.
  - Organized workshops, hackathons, coding contests, and technical discussions to foster peer learning and innovation.
  - Established the university's most active technical community, improving tech awareness and upskilling hundreds of students.

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