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.** *May 2025 – Present*
  Software Development Intern Noida, India
  - Learning and developing full-stack web applications using Spring Boot (backend) and Angular (frontend), implementing MVC architecture, dependency injection, and RESTful API design.
  - Implemented CRUD operations and integrated MySQL database using Spring Data JPA, optimizing SQL queries and maintaining data integrity across modules.
  - Delivered Employee Management System and Student Management System with end-to-end functionality using JSON-based REST APIs.

PROJECTS

- **SwasthRail: Comprehensive Healthcare Management System for Indian Railways** *June 2024 – April 2025*
  Tools: HTML, CSS, JavaScript, React,.js, Express.js, Node.js, MySQL, Power BI [O]
  - Led the architectural design and development of a healthcare system, coordinating a 5-member team.
  - Engineered and implemented a full-stack web platform integrating an online doctor-patient appointments slot booking system, emergency response system, and telemedicine.
  - Directed healthcare data analysis using SQL and Power BI to optimize hospital resource allocation and patient insights.
  - Designed intuitive doctor and patient portals and created the branding/logo for the platform.
  - Launched the system, reducing appointment wait times by 70% and improving healthcare access for millions of railway 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) [O]
  - Recognized the market gap for local artisans lacking digital presence, limiting their sales reach to offline, local customers only.
  - Led the development of a comprehensive e-commerce platform connecting traditional craftsmanship with a modern digital marketplace.
  - Conducted user research and surveys to gather insights; designed and built a responsive frontend with catalog, cart, and payment integration.
  - Onboarded 50+ artisans to the platform, helping them showcase products and accept online orders from across India.
  - Achieved a 40% increase in artisan sales within the first quarter post-launch by expanding market reach and improving customer accessibility.

SKILLS

- **Programming Languages**: Java, SQL
- **Backend Technologies**: Spring Boot, Spring Data JPA, Spring MVC, REST APIs
- **Frontend Technologies**: HTML, CSS, TypeScript, Angular 19
- **Tools**: Power BI, Eclipse, MySQL, VS Code
- **Soft Skills**: Team Leadership, Communication, Problem-Solving, Time Management, Adaptability

CERTIFICATIONS

- **PwC Switzerland**, Power BI Job Simulation *Feb 2025*
- **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.