# Aman Rathour

+91-6386072423 | | amanrathour225@gmail.com | | [Linkedin](#) | [GitHub](#)

## EDUCATION

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|---|---|
| **Vellore Institute of Technology** | Bhopal, India |
| *Bachelor of Technology in Computer Science and Engineering — CGPA: 8.04* | *Aug. 2021 – Sept. 2025* |
| **The Aryan's School** | Jhansi, India |
| *Central Board of Secondary Education CBSE (Class XII) — Percentage: 84%* | *April 2020 – May 2021* |
| **Jai Academy School** | Jhansi, India |
| *Central Board of Secondary Education CBSE (Class X) — Percentage: 80.82%* | *April 2018 – May 2019* |

## SKILLS

**Web Development:** Knowledge of HTML, CSS, JavaScript and frontend development.
**Technical Proficiency:** Advanced proficiency in Java and Microsoft Office Suite (Excel, PowerPoint, Word).
**Soft Skills:** Communication, Problem-Solving, Adaptability, Time Management, Teamwork.

## PROJECTS

**SwasthRail: Comprehensive Healthcare Platform** | [Link](#)     Aug. 2024 – Apr. 2025
- ∗ Developed an online doctor appointment slot booking system, optimizing hospital workflows and improving patient care efficiency through data-driven scheduling.
- ∗ Designed and implemented interactive healthcare dashboards using Power BI & SQL, delivering actionable insights for stakeholders to enhance healthcare decision-making.
- ∗ Analyzed healthcare trends and resource utilization patterns to improve patient care efficiency and hospital resource allocation.
- ∗ Spearheaded project design and branding strategies, strengthening user engagement and platform adoption among railway employees.

**Hospital Emergency Room Data Analysis** | [Link](#)     April 2024 – June 2024
- ∗ Processed and transformed raw data using Power Query, establishing table relationships with Power Pivot, and calculating metrics via DAX formulas.
- ∗ Created interactive dashboards analyzing patient demographics, hospital performance, and referral patterns, supporting trend analysis and operational improvements.

**Vikreta: E-Commerce Platform for Local Craftsmen** | [Link](#)     May 2023 – Mar. 2024
- ∗ Developed frontend components for an e-commerce platform empowering local craftsmen with a digital marketplace.
- ∗ Designed user-friendly interfaces for sellers and buyers, ensuring seamless navigation and enhanced user experience.
- ∗ Conducted user testing and feedback sessions to refine the platform, enhancing usability and effectiveness.
- ∗ Built an interactive Power BI dashboard to analyze e-commerce sales data, providing insights on revenue trends, customer behavior, and product performance.
- ∗ Implemented data visualization techniques (bar charts, pie charts, line charts, etc.) and filtering mechanisms for better data-driven decision-making.

## CERTIFICATIONS & ACHIEVEMENTS

**AWS Certified Cloud Practitioner** | [Link](#) – Feb 2024
**PwC Switzerland Power BI Job Simulation** | [Link](#) – Jan 2025
**SQL (Basic & Intermediate) – HackerRank Certified** | [Link](#) – Feb 2023

## LEADERSHIP

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| **Internet of Things Club** | Aug. 2022 - Oct. 2023 |
| *Co-Founder and Ex-Vice President* | *Vellore Institute of Technology* |

Led a team of 45+ core members, managing events, workshops, and community engagement.
Spearheaded recruitment, mentorship, and technical discussions on IoT through live sessions and workshops.
Managed club operations and strategic planning, ensuring seamless coordination among members and stakeholders.