

# Aman Rathour

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## EDUCATION

### Vellore Institute of Technology

*Bachelor of Technology in Computer Science and Engineering*

Bhopal, India

Aug. 2021 – May 2025

### The Aryan's School

*Central Board of Secondary Education CBSE (Class XII)*

Jhansi, India

April 2020 – May 2021

### Jai Academy School

*Central Board of Secondary Education CBSE (Class X)*

Jhansi, India

April. 2018 – May 2019

## SKILLS

**Data Analysis & Visualization:** Proficient in Excel, Power BI, for data analysis, reporting, and dashboard creation.

**Statistical Analysis:** Regression Analysis, Predictive Analytics, A/B Testing

**Programming Languages:** Skilled in Java and SQL

**Web Development:** HTML, CSS, JavaScript

**Technical Proficiency:** Advanced proficiency in Microsoft Office Suite (Excel, PowerPoint, Word), Google Sheets.

**Soft Skills:** Communication, Problem-Solving, Adaptability, Time Management, Teamwork.

## PROJECTS

### SwasthRail: Comprehensive Healthcare Platform | [Link](#)

Aug. 2024 – Apr. 2025

- \* Designed the platform architecture and workflow to streamline healthcare services for railway employees.
- \* Developed interactive dashboards using Power BI for healthcare data analysis and insights.
- \* Implemented a multilingual, user-friendly interface to ensure accessibility for users with varying technical proficiency.

### 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 visualizations for patient demographics, hospital performance, referral departments, and patient satisfaction scores.

### Vikreta: E-Commerce Platform for Local Craftsmen | [Link](#)

May 2023 – Dec. 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.

## LEADERSHIP

### Internet of Things Club

*Co-Founder and Ex-Vice President*

Aug. 2022- Oct. 2023

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.

## CERTIFICATIONS & ACHIEVEMENTS

**AWS Certified Cloud Practitioner** | [Link](#) – Feb 2024

**PwC Switzerland Power BI Job Simulation** | [Link](#) – Jan 2025

**Goldman Sachs Excel Skills for Business Job Simulation** | [Link](#) – Dec 2025

**SQL (Basic & Intermediate) – HackerRank Certified** | [Link](#) – Feb 2023