

# JAYAM PANDIT

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## Education

Indian Institute of Information Technology Bhagalpur

December. 2021 – July 2025

Bachelor of Technology in Mechatronics and Automation Engineering

Bhagalpur, Bihar

CGPA: 7.3 (Absolute Grading, Highest: 8.5)

## Relevant Coursework

- Data Structures & Algorithms
- OOPs
- Machine Learning
- Artificial Intelligence
- Operating Systems
- Probability and statistics
- Database Systems

## Experience

Roomzy

March 2024 – June 2024

Product Management Intern

- Researched student accommodation challenges, conducted competitive analysis, and developed an MVP.
- Collaborated with cross-functional teams to create a **product strategy**, leading to an **18% increase** in user engagement and a **15% boost** in revenue.
- Successfully launched the product, driving a **10% increase** in customer acquisitions.

## Projects

[Product Size and Weight Detection from E-commerce Images](#) | Qwen2, Gemini API, Ollama March 2024 – Present

- Developed a **machine learning model** to detect and extract **size and weight attributes** directly from product images for e-commerce platforms.
- Utilized **Qwen-2-VL** model, applied advanced hyperparameter tuning (**Population-Based Training, Asynchronous Hyperband**), and optimized with **Transfer (PEFT)** for enhanced accuracy.

[CROWDFUNDING PLATFORM](#) | PayTM API, MongoDB Atlas, Express.js, React.js

March 2024 – Present

- Developed a crowdfunding platform allowing users to browse and support campaigns with PayTM gateway integration.
- Implemented features ensuring transparency and anonymity for donors during transactions.
- Utilized MERN stack (React.js, Node.js, Express.js, MongoDB Atlas) for efficient and scalable development.

## Skills

Languages: C++, Python, JavaScript, SQL

Coding Profiles: [Leetcode](#) [Link](#)

Developer Tools: VS Code, Git, GitHub, Google Colab

Libraries/Frameworks: ReactJS, OpenCV, TensorFlow, Ollama, EDA, LangChain, AutoGen, Model fine-tuning, RAG, node.js, MongoDB Atlas

## Achievements

- Secured **7th rank** in the **Intra Smart India Hackathon**.
- Secured **Rank 272** in the **Amazon ML 2024**.
- Contributor in **HacktoberFest** with **8 successful contributions**.
- Ranked in the top 300 out of 4 lakh participants in Flipkart Grid.
- Participated in 21+ hackathons, secured rank 5 in a 10-minute challenge at IIT Bombay.

## Leadership / Extracurricular

Secretary

June 2023 – December 2023

Entrepreneurship Cell

- Led the organization to achieve significant milestones, including organizing **50+ events** and hosting **East India's one of the largest offline hackathons**.
- Pioneered the growth of entrepreneurship culture, leading to a remarkable **72.2% surge** in startups at **IIITBH**.
- Formulated a **product strategy** through cross-collaboration with various teams.
- Launched the product, resulting in a **15% growth** in customer acquisitions.

Lead

June 2023 – December 2023

Sponsorship Team Enyugma (techno-culture fest IIIT BH)

- Coordinated sponsorship drive in Bhagalpur raising **INR 1 lakh+**, a **28% YoY increase** over the previous year.
- Worked with a team of **17 Core Organizing Team Heads, 42 Core Organizing Team Members, and 47 Associates**.
- Led a team of **50 members** in executing sponsorship strategies, resulting in a **25% rise** in event participation and sponsor satisfaction.