

# **Yash Devani**

Full Stack MERN Developer — Machine Learning Enthusiast

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Location: India

## **Professional Summary**

Full Stack MERN Developer with experience in building scalable web applications, REST APIs, and backend systems. Hands-on experience with Python-based data analysis, machine learning fundamentals, and applied AI research. Proven ability to contribute to open-source projects and collaborative software development.

## **Skills**

Python, JavaScript, Machine Learning, Artificial Intelligence, Data Analytics, Statistics, NumPy, Pandas, Matplotlib, Seaborn, MongoDB, Express.js, React.js, Node.js, MERN Stack, REST APIs, Backend Development, Frontend Development, Git, Testing, Open Source, Software Engineering

## **Education**

### **Bachelor of Science in Computer Science and Data Analytics**

Indian Institute of Technology, Patna (IIT Patna)

2024 – Present

## **Experience**

### **Research Intern – Machine Learning, IIT Mandi**

Present

- Applied **Machine Learning and Data Analytics** techniques to sustainability-focused agricultural projects.
- Performed **data preprocessing, analysis, and visualization** using Python, NumPy, Pandas, and Matplotlib.
- Supported **AI model experimentation** and **data-driven decision-making**.

### **Software Developer (Open Source), TeamShiksha – OpenLogo**

- Developed **backend services and REST APIs** using Node.js and Express.js.
- Implemented **automated test cases** to improve code reliability.
- Optimized **bandwidth usage** using **pre-signed URLs**.
- Built **dashboards and visualizations** to monitor API usage.

## **Projects**

### **Coding Host-AL**

- Developed a **full stack MERN-based coding platform** with **scalable backend architecture**.

### **PG-Life**

- Built a **full stack web application** for PG accommodation booking with **frontend-backend integration**.