

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**.