

Ritika Jha

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SUMMARY

Founding engineer with hands-on experience in building and deploying full-stack products using the MERN stack. Developed scalable web applications, collaborated on landing pages, and automated workflows using n8n. Passionate about rapid prototyping, clean code, and solving real-world problems.

EXPERIENCE

Motion Engineers

Gurugram

Founding Engineer

Dec 2024 – Feb 2025

- Co-developed and deployed company landing page using React.js and Vercel.
- Curated a 5,000-sample dataset for ad visuals and captions; used for generative AI training.
- Built mockup generators using PyTorch (VAE) and improved design approval by 10

SwiftStats AI

Remote

Founding Engineer

Jul 2024 – Sept 2024

- Built a dynamic pricing dashboard integrating inventory, market trends, and web-scraped competitor data using MongoDB and Express.js.
- Enabled real-time product monitoring and auto price-matching by engineering crawlers and APIs.
- Contributed to product launch and DevOps (Docker, 21dev), ensuring smooth deployment.

Ripe and Raw Organics

Remote

Full Stack Intern

Mar 2024 – Jun 2024

- Built a responsive e-commerce platform with authentication and product catalog features using the MERN stack.
- Designed secure RESTful APIs and optimized MongoDB queries for fast performance.

PROJECTS

Instagram Automation with n8n

2025

- Built automation workflows using n8n to auto-caption and publish posts to Instagram.
- Integrated OpenAI for captioning and Meta Graph API for publishing.

Humanoid Walk Simulation

2024

- Simulated walking agents using MuJoCo and Deep Reinforcement Learning.

Flashcards Learning App (PostgreSQL)

- Designed normalized schema with foreign keys and indexing for personalized learning.

SKILLS

Languages: JavaScript, Python, C++, HTML/CSS, SQL

Frameworks/Tools: React.js, Node.js, Express, MongoDB, n8n, PyTorch, Docker, Git, Vercel, 21dev

Other: Public Speaking, Team Collaboration, Time Management

EDUCATION

Netaji Subhash Institute of Technology

B.Tech in Electronics and Communication Engineering

Dec 2021 – July 2025