

GAURAV KUMAR YADAV

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PROFESSIONAL EXPERIENCE

HOOMAN GROUP INC. (Startup)

UK, London

Full-Stack Developer Intern

August 2025 – April 2026

- Architected and independently shipped **Hoomanpets.com** end-to-end — from system design to Cloudflare deployment — serving a live, growing user base
- Led full-stack development using React.js, Node.js, Express.js, and Neon, consistently delivering **10+ production features** at a **2–5 day** turnaround per feature
- Drove LLM integration via OpenAI API for intelligent recommendations and content generation, reducing manual content effort by **70%**
- Strengthened platform security with JWT authentication, RESTful APIs maintaining **zero downtime** in production
- Partnered with cross-functional founders to define product roadmap, prioritize features, and ship requirements on time within rapid sprint cycles

PROJECTS

AI JOB AUTOMATION AGENT

Node.js, TypeScript, Playwright, Ollama, Telegram Bot API

- Conceptualized and developed an autonomous AI agent that submits **60+ job applications/day** across LinkedIn, Naukri, Indeed, and Internshala with zero manual input
- Engineered Playwright browser automation across 4 application steps, cutting session time by **5 minutes** and extending coverage to external company portals
- Accelerated job-match accuracy with AI-driven resume and cover-letter variant routing based on real-time job description parsing
- Pioneered a Telegram notification pipeline with deduplication logic and application tracking, achieving **100% submission accuracy**

ENSO — PERSONAL LEARNING INTELLIGENCE SYSTEM

Next.js, TypeScript, MongoDB, AI

- Produced a dual-AI learning platform unifying Gemini and OpenAI APIs for session summarization and smart autotagging, boosting user engagement by **15%**
- Revamped data architecture using PostgreSQL (Neon) and MongoDB, reducing query response times by **40%** and doubling data processing throughput
- Streamlined Notion OAuth integration using Node.js and the Notion API, saving users **5+ hours/week** of manual data entry

TECHNICAL SKILLS

- **Frontend:** React.js, Next.js, TypeScript, JavaScript, HTML5, CSS3, TailwindCSS.
- **Backend:** Node.js, Express.js, REST APIs, JWT Auth.
- **AI / LLM:** OpenAI API, Gemini API, Ollama, Prompt Engineering, AI Agent Development
- **Tools:** GitHub, Cloudflare, Vercel, Postman, Playwright, Figma

EDUCATION

NITTE MEENAKSHI INSTITUTE OF TECHNOLOGY

Bengaluru, Karnataka

Bachelor of Technology in Aeronautical Engineering

2022 – 2026

CERTIFICATIONS

- AWS Certified Cloud Practitioner — Amazon Web Services
- Full-Stack Web Development — Udemy
- Data Structures and Algorithms in Java — Udemy

LANGUAGES

English (Fluent) · Hindi (Fluent)