

G N LIKITH YADAV

APPLIED AI ENGINEER | FULL-STACK & AUTOMATION DEVELOPER | TECH LEAD – TENSOR CLUB

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EDUCATION

MVJ COLLEGE OF ENGINEERING

BANGALORE

B.Tech in Artificial Intelligence & Machine Learning

Expected Graduation, May 2027

- **Concentrations:** Focused on Artificial Intelligence and Machine Learning, with emphasis on Deep Learning, Large Language Models (LLMs), and Full-Stack Application Development
- **Relevant Coursework:** Data Structures & Algorithms, Machine Learning, Deep Learning, Artificial Intelligence, Database Management Systems, Operating Systems

SKILLS

- **Programming:** Python, Java, JavaScript, TypeScript, C++, HTML, CSS
- **Frameworks/Libraries:** React.js, Next.js, Node.js, Express.js, Django, Django REST Framework, Tailwind CSS
- **AI/ML:** Machine Learning, Deep Learning, Neural Networks (CNN), TensorFlow, Scikit-learn, LangChain, Large Language Models, RAG
- **Databases:** MongoDB, PostgreSQL, Firebase, Prisma ORM
- **DevOps/Tools:** Docker, Kubernetes, Git, REST APIs, WebSockets, n8n

EXPERIENCE

Innomatics Research Labs

Bangalore

Full Stack Developer Intern (FSD)

Jan 2025 – Mar 2025

- Developed scalable full-stack applications using the **MERN** stack
- Built and integrated REST APIs for real-time data handling
- Improved application performance and responsiveness by optimizing backend logic

Tensor Club

Bangalore

Technical Lead

Nov 2025 - Present

- Led AI/ML and development initiatives for 100+ students
- Conducted workshops and mentored peers in real-world projects
- Organized technical events, hackathons, and collaborative sessions

Freelance – BuildForU

Bangalore

AI/ML & Full Stack Development

March 2025 – Present

- Delivered **end-to-end web solutions** for clients including schools and businesses
- Developed custom dashboards, automation systems, and responsive UI
- Managed client requirements, deployment, and maintenance independently

PROJECTS

AI Automatic Navigation Robot

Bangalore

Team Member

Sep 2025 - Dec 2025

- Built an autonomous robot capable of real-time navigation and obstacle avoidance
- Achieved **~92% navigation accuracy** using ML-based decision models
- Reduced collision rate by **40%** through optimized path-planning algorithms

AI Workflow Automation Suite (n8n)

Bangalore

Team Lead

Nov 2025 - Feb 2026

- Built an AI-powered automation system integrating **Gemini API, PostgreSQL, and APIs** to streamline business workflows
- Developed modules including **AI Call Assistant, Smart Reminder System, and B2B Lead Capture pipeline**
- Reduced manual effort by **~70%** through intelligent automation and real-time task execution

BuildEx - Teaching-Oriented Code Understanding LLM

Bangalore

Team Co-Lead

Feb 2026 - Present

- Building a **pedagogy-focused LLM** that acts as an interactive coding mentor, delivering step-by-step guidance instead of direct solutions
- Designing features for **line-by-line code explanation, adaptive hints, and conceptual learning** to reduce AI dependency and improve problem-solving skills
- Developing a scalable system aimed for **IDE and learning platform integration**, enabling real-time personalized programming education

ADDITIONAL INFORMATION

- **Languages:** English (Professional), Kannada, Telugu, Hindi(Learning)
- **Certifications:** Canva - Python and Django Framework, HackerRank - Python,Reactjs,Nodejs,Javascript
- **Achievements:** Winner - **PROJECT EXPO 2026** (CSE STREAM) at MVJ COLLEGE OF ENGINEERING