

MOHAMMAD YUSHA

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

Bangalore | yushaoffline@gmail.com | www.linkedin.com/in/md-yusha0001 | Phone : +91 8951574996 | github.com/md-Yusha | yusha.me

ABOUT ME

Applied AI Engineer and Technical Lead specializing in building real-world AI systems, automation platforms, and intelligent developer tools. Experienced in leading end-to-end project execution — from ideation and client requirement analysis to deployment and scaling. Passionate about applying AI to solve practical problems through scalable and collaborative engineering.

EDUCATION

B.E in Artificial Intelligence & Machine Learning	MVJ College of Engineering, Bangalore	2023 -2027	9 CGPA
Pre-University: PCMC's	Golden Indp PU College, Malur	2021 -2023	89%
Schooling	SEA International School, Bangalore	2007 -2020	91%

TECHNICAL SKILLS

- **AIML/Deep Learning:** Python (Pandas, NumPy, Scikit-learn), Computer Vision, LangChain, RAG
- **Programming:** Python, C++, Java, JavaScript, SQL, Golang
- **Web & Backend:** React, Django, Node.js, Express, REST APIs, Next, Sanity CMS
- **Automation & Tools:** n8n, Firebase, Docker, Git
- **Databases:** MySQL, PostgreSQL, MongoDB, SQLite
- **Tools:** Git/GitHub, VS Code, Firebase, Hugging Face, Docker,
- **Design & Media:** Figma, Adobe Photoshop, Premier Pro, Illustrator, Canva, DaVinci Resolve, After Effects, Blender

EXPERIENCE

President – Tensor Club, MVJ College Bangalore	May 2025 – Present
• Leading AI/ML initiatives impacting 100+ students • Organised workshops, hackathons, and collaborative engineering events • Mentored teams in building real-world AI and software systems • Directed planning and execution of technical programs	
Freelance AI & Full-Stack Developer — BuildForU	Bangalore Mar 2025 – Present
• Led end-to-end development of AI and web solutions for schools and business clients • Conducted client discussions, requirement analysis, and technical solution design • Built dashboards, automation systems, and scalable responsive platforms • Managed deployment, iteration cycles, and long-term maintenance independently • Served as primary technical point of contact ensuring successful project delivery	

PROJECTS

Buildex — Teaching-Oriented Code Understanding LLM - Team Lead (1st Prize at PROJECT EXPO 2026, MVJCE)
• Designed a pedagogy-focused LLM acting as an interactive coding mentor delivering guided reasoning instead of direct answers • Leading development of line-by-line code explanation and adaptive hint generation • Architecting scalable integration for IDEs and learning platforms • Driving product vision, system design, and team collaboration
AI Automatic Navigation Robot — Team Lead
• Conceptualised and led development of an autonomous robot for real-time navigation and obstacle avoidance • Designed ML-based decision pipeline achieving ~92% navigation accuracy • Reduced collision rate by 40% through optimized path-planning algorithms • Coordinated hardware–software collaboration across team members
AI Workflow Automation Suite (n8n) — Co-Lead
• Built AI automation workflows integrating Gemini API, PostgreSQL, and external APIs • Developed AI Call Assistant, Smart Reminder System, and B2B Lead Capture pipeline • Reduced manual business effort by ~70% using intelligent automation • Designed modular automation architecture for scalable workflows

ADDITIONAL INFORMATION

Languages: English (Professional), Hindi, Urdu, Kannada Basic Arabic (Learning)
Certifications:
• Cambridge English — First Certificate in English (FCE), University of Cambridge (Grade C)
Achievements:
• Winner — Mphasis Research Lab Logo Design Competition, Indian Institute of Science (700+ participants) • 1st prize in PROJECT EXPO 2026(CSE stream) at MVJCE, Hackathon Finalist — Vyuhattech, Cyberforge, Synthack