

NITIN KUMAR MISHRA

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- GitHub | LinkedIn

PROFESSIONAL SUMMARY

Innovative AI Developer & GenAI Architect with strong expertise in Generative AI systems, Conversational AI Agents, and LLM-powered applications. Skilled in building end-to-end AI solutions, from automation workflows and LLM integration to advanced retrieval systems using LangChain, RAG, and MCP servers. Proficient in a variety of AI tools like Imagen, VideoGen, App Builders, and Vibe. While I have foundational knowledge in Machine Learning and Computer Vision, my core strength lies in Generative AI, Large Language Models, and Automation solutions.

CORE COMPETENCIES

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|---------------------------|---|
| Generative AI & LLMs: | RAG, LangChain, Conversational Agents, MCP Servers |
| AI Tools & Frameworks: | Imagen, VideoGen, App Builders, Vibe, Low-Code AI Platforms |
| Automation & Integration: | n8n Automation, API Integrations, Workflow Orchestration |
| Programming Skills: | Python, SQL, C++, Kotlin, AI/ML APIs |
| Developer Tools: | 5+ IDEs (VS Code, PyCharm, Android Studio, etc.) |
| ML & CV (Basic): | Data Feeding, Model Deployment, Neural Network Basics |

AI & TECH PROJECTS

- Custom Chatbot – LLM-powered conversational AI for dynamic responses and personalized recommendations.
- Voice Bot – AI-powered assistant with voice recognition and natural language responses.
- Image Generation Model – Built using Generative AI techniques for creative and realistic outputs.
- Video Generation Model – Leveraged AI for automated video creation.
- No-Code Startup Founder Platform – AI-based business ideation and execution tool.
- Space Shooter Game – AI-enhanced gameplay mechanics.
- Basic MCP Server – Prototype implementation for Match Control Protocol integration.

CERTIFICATIONS

- Detect, Analyze, and Recognize Faces Using AI Models
- Introduction to Generative AI Concepts
- Getting Started with Machine Learning in Azure
- Create Vision Models with Azure AI Custom Vision
- Creativity That Gets You Hired

EDUCATION

- Bachelor of Technology (B.Tech), Artificial Intelligence & Machine Learning – Oriental Group of Institutes, Bhopal (2024 – 2028)
- Pre-University (12th) – Mother Teresa Sr. Sec. School