

Vishu Tanwar

Khatauli, Muzaffarnagar, Uttar Pradesh • +91 9286140113 • vishu.tanwar.me.2018@miet.ac.in •
linkedin.com/in/vishu-tanwar-035a391a8

Automation & Integration Engineer | Python | Applied AI/ML | LangChain & LLMs

Versatile and detail-oriented Automation & Integration Engineer with 2.5+ years of experience in building intelligent automation workflows, infrastructure monitoring, and AI-based internal tooling. Skilled in Python scripting, API integrations, and low-code orchestration using n8n. Successfully implemented LLM-based enhancements using LangChain and OpenAI APIs for smarter alert processing and internal chatbot tools. Hands-on with AWS and GCP environments, with a strong focus on reducing manual work, improving reliability, and enabling AI-assisted operations.

WORK EXPERIENCE

Accenture • Gurugram • 09/2022 - 04/2025

Adv App/Cloud Supp & Eng Analyst • Full-time

- Led automation of large-scale Puppet-based infrastructure, integrating with GitLab CI/CD for version-controlled deployments and reducing manual configuration effort by 40%.
- Designed and deployed monitoring stacks using CheckMK, Zabbix, OEM, and ELK, enabling proactive insights across systems and applications
- Developed internal AI-powered chatbot using LangChain, integrated with Puppet to allow remote execution and information retrieval via RAG architecture.
- Built ServiceNow API integrations to automate incident lifecycles, cutting MTTR through enriched, auto-generated tickets and remediation scripts.
- Automated internal workflows using n8n, streamlining tasks like alert routing, status checks, and escalation notifications across teams.
- Contributed to RAG-based internal chatbot by building pipelines to ingest historical RCAs and troubleshooting docs into a vector database, automating knowledge updates for L1/L2 support enablement.
- Integrated server-side scripting into an internal AI chatbot, enabling remote command execution via Puppet agent

EDUCATION

B.Tech in Mechanical Engineering

Meerut Institute of Engineering and Technology • Meerut • 06/2018 - 08/2022

CERTIFICATIONS

CLF-C02: AWS Certified Cloud Practitioner

Azure Fundamentals (AZ-900) certification

Foundation AI-VILT certification by Nasscom

SKILLS

Cloud Platforms: AWS, GCP, OCI

Automation & Scripting: Bash, Docker, GitLab CI/CD, n8n, pandas, PowerShell, Puppet, Python, PyTorch, scikit-learn

Monitoring & Observability: CheckMK, ELK, OEM, Zabbix

AI/ML Tools & APIs: CrewAI, Gen-AI, LangChain, LangGraph, MLOps, Prompt Engineering, RAG

Integrations & Data: Elasticsearch, ServiceNow, SQL, VectorDB