

# EMAN SHAHBAZ

Lahore, Pakistan

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## Profile

An enthusiastic and self-driven individual specializing in AI automation with hands-on experience in building intelligent workflows, LLM-powered agents, and WhatsApp automation systems. Skilled in streamlining business processes using tools like n8n, LangChain, and API integrations. Passionate about leveraging AI, data-driven insights, and automation to improve operational efficiency, enhance user experiences, and support scalable digital transformation. Committed to continuous learning and adapting to evolving technologies in modern AI ecosystems.

## Skills

**Programming:** Python, NumPy, Pandas, scikit-learn

**AI & Machine Learning:** LLMs, LangChain, Machine Learning (ML), Deep Learning (DL), NLP

**Automation & Tools:** n8n, Docker, API Integrations, WhatsApp Cloud API, Webhooks, Git, VS Code, Zapier, Make.com

**Databases:** Supabase, MongoDB, VectorDB, MySQL, Microsoft SQL Server

**Professional:** Performance Management, Project Planning & Scheduling, Conflict Resolution, Documentation & Reporting, Communication Skills, Critical Thinking

## Projects

### WhatsApp Agent for Multitasking & Meeting Scheduling | *n8n Automation, APIs* November, 2025

- Built an automated WhatsApp assistant capable of booking admissions meetings and handling user queries simultaneously.
- Integrated n8n workflows with Google Calendar and internal CRMs to fully automate scheduling.
- Designed multi-step conversational logic to ensure smooth user experience and reduce manual workload.

### WhatsApp Marketing Bot | *LangChain, Python, LLMs* October, 2025

- Developed an AI-driven WhatsApp bot for automated customer engagement and personalized marketing responses.
- Used LangChain to manage LLM workflows, memory handling, and dynamic message generation.
- Integrated WhatsApp Cloud API for message broadcasting, campaign replies, and lead nurturing automation.

### AI News Detector | *NLP, ML* May, 2025

- Created a web-based AI system to detect misinformation and classify news as real or fake.
- Trained ML models using labeled datasets, TF-IDF, and NLP preprocessing pipelines.
- Implemented evaluation metrics to ensure accuracy and reliability of predictions.

## Experience

### AI Automation Engineer (DeepVision.ai) Sept. 2025 – Present

*AI Automation Engineer*

*Lahore, Pakistan*

- Working on building AI automation workflows using n8n, LangChain, LLMs, and API integrations to enhance business processes.
- Developing intelligent agents, conversational bots, and automated pipelines that reduce manual workload and improve operational efficiency.

## Publications

### AI and Blockchain-Based Security Strategies for IoT in 5G Nov. 2024

- Proposed a hybrid AI-Blockchain framework designed to secure low-power IoT devices in 5G environments.
- Focused on anomaly detection, decentralized verification, and real-time threat identification.
- Developed a scalable architecture ensuring data integrity and improved device-to-network communication security.

## Education

### Superior University

*Bachelor of Computer Science*

Mar. 2022 – May 2026

*Lahore, Pakistan*