



MUHAMMAD BILAL

AI AUTOMATION SPECIALIST

Email: muhammadbilal34482@gmail.com WhatsApp: +92 314 9975258

Address: Mandi Bahauddin, Punjab, Pakistan



LinkedIn

<https://www.linkedin.com/in/automate-by-muhammad-bilal/>



GitHub

<https://github.com/automatebybilal>



Portfolio

<https://portfolio-muhammadbilal.vercel.app/>

OBJECTIVE

AI Automation Specialist with a passion for solving real business challenges through intelligent automation. I design AI-powered workflows using n8n that eliminate repetitive tasks, improve operational efficiency, and reduce costs. My goal is to help organizations streamline their processes so teams can focus on innovation, growth, and delivering greater value.

EXPERIENCE

AI Automation Specialist (Remote)

2023 – Present | Freelance / Remote

- Designed end-to-end automation solutions with n8n and AI, integrating third-party APIs, CRM platforms, and AI models to optimize workflows, improve business efficiency, and support remote client operations.
- Develop intelligent AI Agents with memory, tool integrations, and knowledge bases to support context-aware business workflows.
- Integrate communication, productivity, and business platforms including WhatsApp, Slack, Google Sheets, Airtable, and external REST APIs.

FEATURED PROJECTS

WhatsApp Multimodal AI Bot

A multimodal WhatsApp chatbot that routes incoming text, voice, or image messages, transcribes audio and analyses images, then uses an AI Brain with memory to generate context-aware replies sent back via WhatsApp.

RAG Recipe Chatbot Pipeline

A RAG-powered n8n workflow that downloads a recipe PDF from Google Drive, embeds it into a Pinecone vector store, and uses a Question & Answer chain to instantly answer customer chat queries about menus and recipes.

AI Slack Assistant Bot

An intelligent Slack automation using an AI Agent with memory and a Pinecone knowledge base to understand messages and generate context-aware replies, instantly posting responses back to Slack channels.

See More... Projects on (GitHub or Portfolio).

EDUCATION

BS – Bachelor of Mathematics

University of the Gujrat, Mandi Bahauddin | 2019 – 2023

Bachelor's degree in Mathematics with strong analytical, problem-solving, and logical reasoning skills. Actively participated in academic seminars, delivered GeoGebra presentations, and contributed to event organization and quiz competitions. Currently applying mathematical thinking to AI automation, intelligent agents, and business process automation.

ONLINE CERTIFICATIONS

n8n Academy

- In Practice: AI, Testing & Best Practices
- Integrations: APIs & Connected Workflows
- Essentials: Your First Workflow

Coursera

- **Numerical Method for Engineering** (The Hong Kong University of Science and Technology)
- **Mathematics for Machine Learning: Linear Algebra** (The Imperial College London)
- **Speak English Professionally: In Person, Online & On the Phone** (The Georgia Institute of Technology)

See More... Certifications and Credentials on LinkedIn.

TECHNICAL SKILLS

- n8n Workflow Automation
- AI Agents & Prompt Engineering
- API Integrations & Webhooks
- OpenAI API / LLM Integrations
- Google Sheets, Airtable, Notion Automation
- Problem Solving & Process Mapping