

Saqib Mehmood

Ai Automation Engineer

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Summary

AI Engineer specializing in building end-to-end AI systems with advanced LLM integrations and prompt engineering. Experienced in developing AI chatbots and scalable automation solutions using Python and APIs, along with low-code/no-code tools like Zapier and Make. Strong background in web scraping (including advanced bypass techniques), lightweight frontends, and Python-based GUIs, with a focus on fully custom-built AI calling and workflow automation systems developed from the ground up. Proven ability to deliver production-ready, data-driven solutions that streamline operations and drive measurable business impact.

WORK EXPERIENCE

AI Automation Engineer

Feb 2026 – Present

Grepiv

- Developed AI-powered applications using Python and modern AI technologies to automate business processes and improve operational efficiency.
- Built intelligent chatbot solutions and AI-driven automation systems tailored to meet diverse business requirements.
- Integrated AI applications with third-party APIs and external platforms to enable seamless data exchange and system connectivity.
- Built scalable AI solutions with proper staging and production environments using Git-based workflows
- Designed and maintained scalable data processing pipelines while implementing AI workflow automation for enhanced productivity.

AI Engineer

March 2025 – Jan 2026

Nexovian Digital

- Developed AI-powered solutions and workflow automation systems using Python, APIs, and modern AI technologies to streamline business operations.
- Built intelligent applications powered by Large Language Models (LLMs) and conversational AI to deliver interactive and context-aware user experiences.
- Implemented AI integrations and API-based solutions to connect multiple platforms, improving business workflows and process efficiency.
- Applied prompt engineering techniques to optimize AI model responses, enhancing accuracy, relevance, and overall user experience.

AI Automation Engineer

Dec 2023 – Feb 2025

Hatzs Dimensions

- Built AI-powered automation systems using Python, APIs, and Large Language Models.
- Developed AI chatbots, conversational AI applications, and AI calling systems.
- Created workflow automation solutions using Zapier, Make, and n8n.
- Collaborated with senior engineers to understand AI system design and deployment
- Designed web scraping and data processing pipelines for automated business workflows.

EDUCATION

BS Computer Science
2022 – 2026

Lahore Garrison University

Cloud & Deployment

AWS EC2 • Vercel • Supabase • Docker • Nginx • Linux • PM2 • Git • Ubuntu • DigitalOcean • GitHub

SKILLS

- | | | | |
|--|--|---|--|
| <ul style="list-style-type: none">PythonLangGraphOpenAI APIGrok APIPrompt EngineeringAI ChatbotsAI Voice AgentsMachine LearningLSTMYOLOComputer VisionOCR | <ul style="list-style-type: none">FastAPIFlaskREST APIsWebhooksWorkflow Automation (n8n, Make, Zapier)PlaywrightSeleniumBeautifulSoupWeb ScrapingData Cleaning & Processing | <ul style="list-style-type: none">TwilioVapiSpeech-to-Text (STT)Text-to-Speech (TTS)SalesforceGoHighLevelCRM IntegrationLinkedIn APIConversation memory systemInstagram Messaging APIFacebook Messenger API | <ul style="list-style-type: none">PostgreSQLRedisGoogle Sheets APIGoogle Drive APIHTMLCSS |
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PROJECTS

DealerIQ – AI-powered Car Dealership Web App

Built an AI-powered dealership platform using LangGraph for multi-agent orchestration, enabling AI voice agents, chatbots, CRM integration, and social media automation. Developed AI calling, Facebook Marketplace lead qualification, insurance quote automation, and persistent customer conversations across calls, web chat, Instagram, and Facebook Messenger with shared memory and automated CRM updates.

Tech Stack: Python • LangGraph • OpenAI API • Twilio • ElevenLabs • Whisper • Playwright • Selenium • FastAPI • Flask • Instagram Messaging API • Facebook Messenger API • REST APIs • Webhooks • CRM Integration • Audio Filtering Models • Noise Reduction Models Customly built

LINK: <https://www.dealeriq.ai/>

Ai interview Automation

Designed and developed an end-to-end AI recruitment platform that automated job posting, candidate screening, interview scheduling, and HR workflows. Integrated LinkedIn job publishing, AI-based CV parsing, voice interviews, and automated email workflows, while using YOLO-based proctoring to detect suspicious activities such as phone usage, eye movement, and head movement during interviews. Generated AI-powered candidate evaluations and synchronized interview results, recruiter notifications, and candidate progress with the CRM.

Tech Stack: Python • Grok API • ElevenLabs • CV Parsing • Email Automation • Workflow Builder • Behavioral Analysis Models • LangGraph • OpenAI API • Grok API • LinkedIn API • YOLO • Computer Vision • OCR • Twilio • STT • TTS • FastAPI • REST APIs • Webhooks • CRM Integration

Business Process & AI Automation

Built enterprise automation solutions including AI-to-AI testing, automated prompt generation with QA validation, LinkedIn newsletter generation, browser automation, Facebook Marketplace lead scraping, insurance policy automation, AI lead qualification, and workflow automation integrated with CRM systems. Developed scalable backend APIs, browser automation, and event-driven workflows to eliminate repetitive business processes.

Tech Stack: Python • Playwright • Selenium • Flask • OpenAI API • Twilio • Google Docs API • REST APIs • Webhooks • Automation Workflows

LINK: <https://aicalltesting.onrender.com>

Power Dialer & Contact Center Platform

Developed a cloud-based contact center platform similar to Five9, featuring an embeddable iframe dialer that can integrate with any CRM or web application. Implemented inbound/outbound calling, campaign management, SMS automation, sticky-agent routing, intelligent distribution of cold and warm leads, real-time call monitoring, and complete call history with CRM synchronization.

Tech Stack: Python • Twilio Voice SDK • WebRTC • React • FastAPI • PostgreSQL • Redis • REST APIs • Webhooks • CRM Integration

LINK: <https://main.d3gh886ywOxyhk.amplifyapp.com>

AI Lead Generation & Browser Automation

Developed enterprise-grade browser automation solutions using Playwright and Selenium for large-scale data extraction and workflow automation. Built AI-powered Facebook Marketplace lead scraping with automated customer qualification, insurance policy automation across multi-step forms with anti-bot handling, and LinkedIn newsletter generation that scraped posts, generated AI summaries, and automatically published formatted reports to Google Docs while synchronizing data with CRM systems, also using make.com, zapier and n8n.

Tech Stack: Python • Playwright • Selenium • OpenAI API • Flask • BeautifulSoup • Google Docs API • REST APIs • Webhooks • CRM Integration