

MONIS RAZA

Senior AI Automation Engineer · Full Stack Developer

SUMMARY

- AI Automation Engineer and Full Stack Developer with 5+ years delivering 50+ AI-powered SaaS platforms and automation pipelines for international clients.
- Expertise in Python, JavaScript (React.js, Vue.js, Next.js, Node.js), FastAPI, and cloud deployment on AWS, Azure, DigitalOcean with CI/CD and Infrastructure as Code.
- Proficient in integrating OpenAI API, LangChain, LangGraph for multi-agent intelligent workflows and building scalable RESTful APIs and microservices.
- Skilled in automation tools n8n, Zapier, and developing AI voice/caller agents, WhatsApp and Telegram bots to optimize business operations and reduce manual effort by up to 80%.

TECHNICAL SKILLS

Main Technical Skills	Python (5 yr.), JavaScript (5 yr.), Node.js (5 yr.), React (5 yr.)
Programming Languages	JavaScript (5 yr.), Python (5 yr.)
AI & Machine Learning	AI-agents (3 yr.), Amazon Machine learning services, Azure Cognitive Search, ChatBot (3 yr.), LangChain (3 yr.), LangGraph (3 yr.), n8n (3 yr.), NLP, NumPy, OpenAI (3 yr.), PandasAI, TensorFlow
JavaScript Frameworks	Node.js (5 yr.), React (5 yr.), Vue.js (5 yr.)
Python Libraries and Tools	NumPy, TensorFlow
Data Analysis and Visualization Technologies	PandasAI
Databases & Management Systems / ORM	MongoDB (5 yr.), PostgreSQL (5 yr.), Supabase (5 yr.)
Cloud Platforms, Services & Computing	AWS (5 yr.), Azure (5 yr.), DigitalOcean (5 yr.), Zapier (3 yr.)
Azure Cloud Services	Azure Cognitive Search, Azure log analytics, Azure VM (5 yr.)
Google Cloud Platform	GCE
Deployment, CI/CD & Administration	CD DevOps pipelines (5 yr.)
Virtualization, Containers and Orchestration	Docker (5 yr.)

Version Control	Github Actions (5 yr.)
QA, Test Automation, Security	QA Automation (3 yr.)
SDK / API and Integrations	RESTful API (5 yr.), Telegram API (3 yr.)
Mail / Network Protocols / Data transfer	VoIP (3 yr.)
Other Technical Skills	Unreal Engine (3 yr.)

WORK EXPERIENCE

AI Automation Engineer / Full Stack Developer - Freelance – International Clients (AI-powered SaaS platforms and automation dashboards)

Duration: Feb 2021 – Present

Summary:

- Architected and deployed AI-powered SaaS platforms including AI assistants, CRM systems, and automation dashboards for 50+ international clients
- These platforms leverage intelligent automation pipelines and cloud deployment to enhance business workflows and scalability

Responsibilities:

- Designed and built production RESTful APIs and microservices integrating OpenAI API, LangChain, and LangGraph for intelligent, multi-agent workflows.
- Developed scalable automation pipelines using n8n and Zapier for lead generation, content automation, and business operations.
- Created full stack applications with React.js, Next.js, Vue.js, FastAPI, and Node.js.
- Deployed applications on AWS, Azure, and DigitalOcean with CI/CD pipelines.
- Implemented voice/caller AI agents, WhatsApp automation, and Telegram bots for real-time client communication at scale.

Technologies: Python, JavaScript, Node.js, React.js, Vue.js, Next.js, FastAPI, OpenAI API, LangChain, LangGraph, AI Agents, Voice/Caller Agents, Prompt Engineering, n8n, Zapier, Telegram Bots, WhatsApp Automation, AWS, Microsoft Azure, DigitalOcean, Docker, GitHub Actions, CI/CD Pipelines

AI Automation & Email Systems Developer - German E-Commerce & Operations Client (Email automation system and web scraping pipelines)

Duration: 6-Month Contract

Summary:

- Built an end-to-end email automation system handling business communication and marketing workflows, significantly reducing manual outreach time
- Developed web scraping pipelines to extract structured competitor and supplier data at scale to support business intelligence

Responsibilities:

- Engineered email automation workflows to reduce manual outreach time by 70%.



- Developed Python-based web scraping pipelines for competitor and supplier data extraction.
- Automated lead collection and email outreach via API-based workflows to improve sales pipeline efficiency.

Technologies: Python, API Integration, Email Automation, Web Scraping

Data Scraping & Email Automation Engineer - Canadian Business Client (Large-scale web scraping and automated email sending system)

Duration: 4-Month Contract

Summary:

- Delivered a large-scale web scraping system for product and business data extraction feeding directly into CRM and marketing platforms
- Built an automated email sending system for lead nurturing and customer outreach with continuous data pipeline operation

Responsibilities:

- Developed web scraping systems for data extraction to support CRM and marketing platforms.
- Built automated email sending systems for lead nurturing and customer outreach.
- Maintained structured data pipelines for continuous operation.

Technologies: Python, Web Scraping, Email Automation, CRM Integration

Web Development & Automation Specialist - Letts Kitchen & Bathroom (UK) (Business inquiry handling and customer communication automation)

Duration: 3-Month Contract

Summary:

- Automated business inquiry handling and customer communication workflows to significantly reduce lead response times
- Developed lightweight backend automation tools to support live business operations

Responsibilities:

- Automated customer communication workflows to improve response times.
- Built backend automation tools to support ongoing business operations.

Technologies: Backend Automation Tools

AI Automation & SaaS Development - Italian Business Client (Automation workflows and API-based integrations for digital business operations)

Duration: 3-Month Contract

Summary:

- Developed automation workflows for digital business operations and built API-based integrations for data handling and reporting
- Delivered SaaS automation features that improved internal operational efficiency

Responsibilities:

- Created automation workflows to streamline digital business operations.



- Developed API integrations for data handling and reporting.
- Delivered SaaS automation features enhancing operational efficiency.

Technologies: API Development, Automation Workflows, SaaS

Early Stage AI Engineer - USA-Based Senior AI Mentor (AI Apprenticeship and foundational AI projects)

Duration: 1 Year

Summary:

- Implemented AI systems and automation logic under mentorship, building foundational projects in OpenAI API, prompt engineering, and AI workflows
- Contributed to experimental AI tools and prototype SaaS systems with real-world architecture patterns

Responsibilities:

- Developed AI systems and automation logic under senior mentorship.
- Built foundational projects using OpenAI API and prompt engineering.
- Contributed to experimental AI tools and prototype SaaS architectures.

Technologies: OpenAI API, Prompt Engineering, AI Workflows

EDUCATION

- **BSc Electrical Engineering**

University of Engineering & Technology (UET), Taxila, Pakistan

