

Nikhil Jesani

Ai Automation Engineer

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Professional Summary

Results-driven AI Automation Engineer with **1+ year of experience** in building scalable AI-driven workflow automation solutions using tools like n8n, Activepieces, and Zapier. Developed **120+ AI agents** focused on business automation, lead conversion, SEO, and operational efficiency while also mentoring and training teams in AI automation practices. Currently pursuing MCA in Cyber Security from JECRC University after completing BCA from Saurashtra University, with strong self-learning, problem-solving, and full-stack development capabilities. Invited as a speaker at the Rajkot Tech Community for delivering a session on Advanced Security Practices for Laravel Applications, reflecting a strong passion for technology, cybersecurity, and innovation.

Professional Experience

AI Automation Engineer

01/2025 – 08/2025 | Rajkot,Gujarat
Designed and deployed **120+ AI-powered automation agents** using **n8n, Activepieces, and Zapier** to streamline business workflows, optimize operations, and improve productivity through scalable intelligent automation solutions.

Laravel Developer Trainee

07/2024 – 12/2024 | Rajkot,Gujarat
Completed hands-on training in Laravel and PHP, gaining practical experience in backend development, database management, API integration, and building scalable web applications.

Laravel Internship

06/2024 – 06/2024 | Rajkot,Gujarat
Worked as a Laravel Developer Intern, contributing to backend development, API integration, bug fixing, and feature implementation using Laravel and PHP.

Skills

AI Automation
Laravel,PHP
Docker
Python

Education

MCA - Cyber Security Ec council (USA)

Jecrc University
08/2025 – Present | Jaipur Rajasthan

BCA - 8.6 CGPA

Saurastra University
07/2022 – 07/2025 | Rajkot,Gujarat
Completed Bachelor of Computer Applications (BCA) with **First Class Distinction**, securing an aggregate CGPA of 8.6 and achieving College Topper recognition.

Awards

College Topper Award – Bachelor of Computer Applications (BCA)
Geetanjali Group Of College - Rajkot

Work projects

AI Voice Agent for Lead Conversion

- Developed an AI-powered voice agent to automate lead qualification and customer engagement processes.
- Integrated CRM automation with HubSpot for real-time lead, deal, and pipeline updates.
- Automated prospect and company data enrichment using AI and external data sources.
- Reduced manual effort for sales teams by automating repetitive qualification and communication tasks.
- Achieved faster lead response and improved conversion efficiency through 24/7 AI-driven engagement systems.

SEO & Blog Automation Agent

- Developed an AI-powered SEO and blog automation system for automated content generation and publishing workflows.
- Built intelligent workflows using n8n and AI tools to generate SEO-optimized blog content with minimal manual effort.
- Automated keyword-based content creation, formatting, scheduling, and publishing processes.
- Integrated AI services and APIs to streamline blog generation, notifications, and workflow orchestration.

Personal Projects

AI-Powered Train Traffic Control System (Smart India Hackathon 2025)

- Developed an AI-based railway traffic optimization system for smart train scheduling and routing.
- Built real-time conflict detection and train priority management workflows.
- Designed dynamic re-scheduling features to handle delays and operational disruptions.
- Created dashboards for monitoring train throughput, delays, and system efficiency.

AI-Powered Security Analysis Agent

- Built an AI-powered security scanner to detect code vulnerabilities and identify the contributor responsible for insecure commits.
- Developed automated GitHub repository security analysis with contributor-based risk tracking and vulnerability mapping.
- Created automated security reporting pipelines using GitHub, Supabase, and Google Docs.

Certificates

- Orchestrating Multi-Agent Solutions with Semantic Kernel - Microsoft Learn
- Certified Network Defender(Ec Council-USA)