

Vignesh Prabhu M

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SUMMARY

AI Automation and Business Process Automation Specialist with expertise in n8n workflow automation, API integrations, AI-powered business solutions, and full-stack web technologies. Experienced in designing and deploying scalable automation systems, digital transformation solutions, and client-focused web applications. Strong background in workflow optimization, technical problem-solving, and delivering measurable business outcomes, making me well-suited for roles in AI automation, system integration, and business process optimization.

EDUCATION

Dr. Mahalingam College of Engineering & Technology

Master of Computer Applications (MCA)

Coimbatore

2025

NASC

Bachelor of Science (Computer Science)

Coimbatore

2021

EXPERIENCE

Founder | Freelance Digital Specialist

Oct 2025 – Present

Vignesh Growth Lab

- Designed and deployed end-to-end AI automation and business process automation systems for SMB clients.
- Built production-ready n8n workflow automation integrating WhatsApp Business API, Gemini AI, and Google Sheets.
- Developed WordPress and WooCommerce business websites with API integrations and analytics.
- Managed complete client lifecycle including requirement gathering, proposals, implementation, deployment, and support.
- Created bilingual digital marketing assets using Canva, CapCut, and AI content tools.
- Implemented workflow documentation and technical handover for clients.
- Integrated payment gateways, contact forms, and structured SEO components.
- Delivered customized automation solutions aligned with business requirements.
- Successfully delivered multiple client projects valued between ₹5,000 and ₹25,000.
- Automated customer engagement using AI-powered WhatsApp workflows.
- Reduced manual business processes through end-to-end automation solutions.
- Received positive client testimonial for successful project delivery.

Operations Senior Representative

Nov 2021 – Dec 2022

NTT DATA (Client: Centene)

- Processed high-volume healthcare claims while maintaining quality and compliance.
- Performed data validation and documentation activities.
- Coordinated with cross-functional teams to resolve operational issues.
- Followed standardized operational procedures and reporting practices.
- Maintained process accuracy and service quality.
- Assisted in technical troubleshooting and workflow improvements.
- Documented operational procedures for consistent execution.
- Maintained high processing accuracy across large claim volumes.
- Strengthened operational efficiency through structured documentation.
- Developed process management skills transferable to automation projects.

Data Analyst Intern

2024

Innobyte Services

- Analysed Amazon sales datasets using Python (Pandas).
- Built Power BI dashboards for business insights.
- Performed customer segmentation and inventory analysis.
- Created technical documentation for analytical work.
- Delivered assigned work independently in a remote environment.
- Developed interactive dashboards for business reporting.
- Improved decision-making through data visualization and KPI reporting.
- Successfully completed internship deliverables independently.

Full-Stack Project Contributor

Dheera Motors

Project: Spares & Warranty Management System

- Developed a full-stack Django application for warranty and spare parts management.
- Designed workflow automation for service request lifecycle.
- Implemented routing logic for vendor and technician assignments.
- Configured MySQL and SQLite environments.
- Applied GitHub Copilot to accelerate development.
- Managed workflow transitions and tracking mechanisms.
- Automated complete service request workflow.
- Improved operational visibility through structured workflow management.
- Delivered a production-ready client solution.

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, HTML5, CSS3, SQL

Automation & AI: n8n, OpenAI, Gemini AI, Claude AI, WhatsApp Business API, ManyChat, Workflow Automation

Frameworks & Platforms: Django, WordPress, WooCommerce, Netlify

Databases: MySQL, SQLite, Google Sheets

Tools & Software: Git, Docker, GitHub Copilot, Power BI, Excel, Canva Pro, CapCut

Analytics & Marketing: Google Analytics 4 (GA4), SEO Fundamentals, Meta Ads, JSON-LD Schema

Integration Technologies: REST APIs, Webhooks, Razorpay, Formspree

Communication & Team Collaboration

Business Process Analysis

Problem Solving

Client Relationship Management

Technical Documentation

Time Management

Adaptability

English & Tamil

CERTIFICATIONS

AWS Cloud Foundations Certification (2024)

HackerRank Python Basics Certification (2024)

HackerRank SQL Basics Certification (2025)

AWARDS & ACCOMPLISHMENTS

Successfully delivered AI automation and WooCommerce solutions for multiple business clients. Built and deployed production-ready AI-powered WhatsApp Business Automation workflows.