

SYED VAHITH

AI & Automation Engineer

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Summary

AI Automation Engineer with 1.6+ years of experience in Python, RPA, SAP automation, e-commerce web scraping, and AI integration. Mechanized workflows and competitor analysis, reducing **85% manual effort** and achieving **80% operational cost savings**. Skilled in LLM integration, web/data scraping, and AI-driven intelligent systems. Passionate about delivering measurable business impact through automation.

Technical Skills

Languages: Python, SQL

Frameworks/Libraries: Flask, Django, FastAPI, Pandas, Selenium, Pywinauto, PyAutoGUI, Matplotlib

AI/ML: LLMs (Mistral, LLaMA3 via Ollama), Hugging Face, NLP, Scikit-learn, Data Analytics

Automation/RPA: UiPath, n8n, Prefect, REST APIs, SAP GUI Scripting, SmartAPI

Web/Databases: React.js, MySQL, SQLite, Firebase

Tools: Git, GitHub, VS Code, Figma, Penpot, Jupyter, Docker (basic)

Professional: Problem Solving, Agile Development, Mentorship, Project Management

Experience

- Hemas Enterprise Pvt Ltd** **Mar 2024 – Present**
AI Automation Engineer *Cuddalore, India*
 - Mechanized Python/Selenium scripts for SAP automation, e-commerce scraping, and AI-powered competitor analysis, cutting manual work by **85%**.
 - Replaced third-party software with in-house mechanized systems, reducing operational costs by **80%**.
 - Planned and deployed end-to-end workflow pipelines, improving reliability by **40%**.
 - Enhanced UiPath bots for high-volume invoice processing with **99% accuracy**.
 - Implemented n8n workflows for automated e-commerce competitor tracking and pricing insights.
 - Mentored junior developers on Python automation, AI integration, SAP scripting, and web scraping strategies.

Projects

- SmartFile AI** – AI-Powered File Summarization (*Python, Flask, Ollama, Pandas, Selenium*) **GitHub**
 - Mechanized CSV ingestion, reducing data collection by **90%**.
 - Integrated LLMs (Mistral via Ollama) for real-time structured/unstructured data summarization.
 - Generated charts with Matplotlib and interactive dashboard for reporting.
- E-commerce Web Scraping Automation** (*Python, Selenium, Playwright, Pandas*) **GitHub**
 - Mechanized scraping of product, pricing, discount, and inventory data from multiple Indian e-commerce platforms.
 - Enhanced data pipelines to clean, normalize, and analyze datasets for rapid pricing strategy decisions.
 - Automated report generation and alerts, reducing manual monitoring by **90%**.
- Business Process Automation Suite** (*Python, Selenium, Pywinauto*) **GitHub**
 - Mechanized end-to-end workflows, eliminating **15+ hours of manual work weekly**.
 - Enhanced in-house scripts replacing licensed software, cutting expenses by **75%**.

Awards & Certifications

- HEPL Spot Award – Splendid Performer On Time**, Hemas Enterprise Pvt Ltd (Aug 2025) [Certificate]
- Ethical Hacking Through Programming**, SNA Academy [Certificate]
- Research Publication: IJSART** (Paper ID: IJSARTV9I360245)

Education

- RAAK College of Engineering and Technology, Puducherry** **2019 – 2023**
B.Tech – Computer Science Engineering *CGPA: 8.5/10*