

# SYED VAHITH

## AI & Automation Engineer

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### Summary

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AI Automation Engineer with 1.6+ years of experience in Python, RPA, SAP computerized processes, e-commerce web scraping, and AI/ML integration. Strategically coordinated business workflows and automated competitor/product data pipelines, achieving **85% reduction in manual effort** and **80% operational cost savings**. Adept at designing end-to-end automation, orchestrating workflows, and implementing LLM-based solutions to deliver measurable impact.

### Technical Skills

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**Languages:** Python, SQL

**Frameworks/Libraries:** Flask, Django, FastAPI, Pandas, Selenium, Playwright, 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:** Agile Development, Problem Solving, Mentorship, Project Management

### Experience

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- **Hemas Enterprise Pvt Ltd** **Mar 2024 – Present**  
*RPA Developer* *Cuddalore, India*
  - Coordinated Python/Selenium/Playwright scripts for SAP automation, e-commerce competitor/product scraping, and data pipelines, reducing manual processing by **85%**.
  - Replaced third-party software with mechanized in-house systems, cutting operational costs by **80%**.
  - Planned and implemented end-to-end automation workflows, improving system reliability by **40%**.
  - Enhanced UiPath bots for high-volume invoice processing with **99% accuracy**.
  - Systematized n8n workflows for e-commerce pricing, inventory tracking, and reporting dashboards, generating actionable insights.
  - Mentored junior developers in Python automation, AI/ML integration, SAP RPA, and web scraping strategies.

### Projects

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- **SmartFile AI** – AI-Powered File Summarization (*Python, Flask, Ollama, Pandas, Selenium*) **GitHub**
  - Built a Flask system for computerized CSV ingestion, reducing data collection time by **90%**.
  - Integrated LLMs (Mistral via Ollama) for real-time summarization and structured/unstructured queries.
  - Created automated charts with Matplotlib and responsive reporting dashboard.
- **E-commerce Web Scraping Automation** (*Python, Selenium, Playwright, Pandas*) **GitHub**
  - Coordinated scraping of product, pricing, discount, and inventory data from multiple Indian e-commerce platforms, mechanizing competitor analysis.
  - Enhanced data pipelines to clean, normalize, and analyze extracted datasets for rapid pricing strategy decisions.
  - Mechanized reporting and alert systems, 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**.
  - Expanded in-house scripts replacing licensed software, reducing expenses by **75%**.

### Awards & Certifications

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- **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

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