SYED VAHITH
AI & Automation Engineer

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Summary

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

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

- **Hemas Enterprise Pvt Ltd**   **Mar 2024 – Present**
  AI Automation Engineer   *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

- **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

- **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*