**Syed Vahith**

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[Linkedin](http://www.linkedin.com/in/syed-vahith) | [Portfolio](https://syedvahith.github.io/syed-vahith/)

**AI-Driven Python Automation Engineer | RPA & Backend Specialist**

**SUMMARY**Results-driven Python Automation & AI Engineer with 1.4 years building scalable intelligent systems. **Proficient in Python, Flask, Django, pandas, Selenium, and backend APIs**. Spearheaded tools using open-source **LLMs (Mistral/Ollama)** and delivered 85%+ efficiency through RPA. Passionate about **using AI to automate** workflows.

**EDUCATION**

**Bachelor of Technology (B. Tech - CSE) - 8.5/10 (CGPA)** 2019 - 2023

RAAK College of Engineering and Technology, Puducherry.

**EXPERIENCE**

**Hemas Enterprise Pvt Ltd | Cuddalore | March 2024 – Present**

* Designed and deployed a pipeline to **manage, monitor, and optimize** automated workflows.
* Built UiPath bots for high-volume tasks, increasing accuracy and consistency.
* Developed custom **Python** and **Selenium** scripts to replace third-party automation tools, **reducing software costs by 75%**.
* Automated desktop processes using Pywinauto and PyAutoGUI, improving task time by 70%.
* **Mentored team** members on Python-based automation techniques, encouraging a collaborative and **skilled development** environment.

**PROJECTSSmartFile AI – Python Automation with AI-Powered File Summarization | [**[GitHub](https://github.com/Syedvahith/smartfile-ai)]

* Built a **Flask-based automation system** to fetch and process CSV files from **APIs** and **websites** using **Selenium**.
* Used **pandas** for data transformation and **open-source LLMs (Ollama with Mistral)** to generate summaries and answer file-specific **queries in real time**.
* Designed a responsive web UI with light/dark mode toggle, HTML report generation, and integrated FTP upload functionality.

**Business Process Automation – Web & Desktop (Python) | [**[GitHub](https://github.com/Syedvahith/rpa-python-automation-script)]

* Automated web and desktop workflows using **Selenium**, **Pywinauto**, and **PyAutoGUI**, replacing manual processes end-to-end.
* Reduced manual effort by **85%**, software costs by **75%**, and task completion time by **70%**.
* **Replaced third-party** tools with custom **Python scripts**, improving **accuracy and long-term** maintainability.

**AN FULLY AUTOMATED AI-BASED TRADING SYSTEM (Python) | [**[GitHub](https://github.com/Syedvahith/My_algo)]

* Developed and deployed a **fully automated** trading system using Python, resulting in **80%** increase in portfolio returns.
* Integrated data retrieval from multiple sources and deployed **algorithmic trading strategies** for optimal decision-making. [**PAPER PUBLISHED**](https://drive.google.com/file/d/1WXoy3qTuanxb_eUgwKQKlRFP-CyCkKjH/view?usp=drive_link) **: (Paper ID:IJSARTV9I360245).**

**SKILLS**

**Languages** : Python

**Web & Backend** : Flask | Django | FastAPI | Streamlit | REST APIs | API Automation | SmartAPI | MySQL | SQLite | Firebase

**Frontend & UI Design** : React.js | Penpot | Figma

**Testing & Automation** : Selenium | Pywinauto | PyAutoGUI | Manual Testing | Automation Testing | Prefect Orchestrator

**Machine Learning & AI** : LLMs (Mistral, LLaMA3 via Ollama) | NLP | Data Science | Pandas | NumPy | Data Analytics | Hugging Face

**Tools & Platforms** : VS Code | Git | GitHub | Excel

**Professional Skill** : Problem Solving | Troubleshooting | Leadership | Teamwork | Mentorship | Time Management | Monitoring

**CERTIFICATIONS**

* **Python Programming(Course Completion on GUVI)** [View](https://drive.google.com/file/d/1Wjl0UEKDfjry1VGSsfkbVLMj6xASmAFl/view?usp=drive_link)
* **Learn the art of hacking through Programming (Course completion on SNA Academy)** [View](https://drive.google.com/file/d/11LJ-W1i5CDIJbooRzuzzHfbfsNe7lLjZ/view?usp=drive_link)
* **Google digital marketing & E-Commerce (Course completion on Google)** [View](https://drive.google.com/file/d/15NIrFx4EdrgpkdeYv1ws4gMNhp-C-IIw/view?usp=drive_link)