SAHID S

AI-Powered Python Developer

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Linkedin • Github • Portfolio

OBJECTIVE

Enthusiastic and adaptable postgraduate student pursuing a Master's in Data Science, seeking opportunities to contribute, learn, and grow in a dynamic organization. Open to exploring diverse domains and responsibilities to build practical experience and add value through continuous learning and dedication.

WORK EXPERIENCE

AI-Powered Python Developer Intern - Tactgen, Madurai   **Feb 2025 - Present**

- Developed multiple Flask APIs for AI-driven modules including image-to-text, product description, and smart autocomplete.
- Converted Streamlit apps into RESTful Flask APIs following proper naming conventions and exception handling.
- Integrated Azure OpenAI (GPT-4o) for generating product descriptions and intelligent search suggestions.
- Automated product image extraction using the Google Custom Search API, enhancing Excel product catalogs.
- Implemented visual product search using OpenAI's CLIP model and cosine similarity for image embeddings.
- Work extensively with eBay APIs (Browse & Inventory), handle OAuth2 token flows, and tested with Postman/curl.
- Practiced data manipulation and visualization using Pandas, NumPy, Matplotlib, Seaborn, and explored file handling.
- Gained experience in tools like VS Code, Postman, SSMS, pgAdmin4, and knowledge in web scraping with Selenium & Playwright.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL
- **Frameworks & Libraries:** Flask, Streamlit, NumPy, Pandas.
- **Databases:** SQL Server (SSMS)
- **Tools:** VS Code, Postman, Excel (Data import/export)
- **AI-Tools:** ChatGPT, Claude.ai, DeepSeek, Perplexity AI, Gemini – for code assistance, documentation, and problem-solving. GitHub Copilot, Blackbox AI – for real-time code suggestions, autocompletion, and efficient development workflow.

EDUCATION

Master of Science in Data Science   **June 2024 - Present**
The American College, Madurai
- CGPA: 7/10 (70%) till first semester.

Bachelor of Science in Computer Science   **June 2021 - April 2024**
Jamal Mohamed College, Trichy
- CGPA: 7.5/10 (75%)

Secondary School Certificate (SSC)   **June 2020 - April 2021**
Velammal Vidyalaya Viraganoor(CBSE), Madurai
- CGPA: 8.1/10 (81%)

Higher Secondary Certificate (HSC)   **June 2018 - April 2019**
Velammal Bodhi Campus(CBSE), Madurai
- CGPA: 7.5/10 (75%)

CERTIFICATIONS

- The Complete Web Development Bootcamp — Udemy (In Progress)

- The Complete Python Pro Bootcamp — Udemy (In Progress)

SOFT SKILLS

- Problem-Solving
- Analytical Thinking
- Attention to Detail
- Adaptability & Learning Agility
- Team Collaboration
- Communication Skills
- Time Management
- Critical Thinking
- Initiative & Self-Motivation
- Creativity in Solution Design

PROJECTS

Smart Visual Product Search System:

- Working on a Flask-based backend system designed for store owners to manage their product inventory with full CRUD functionality, user authentication, and an integrated visual search feature. Products can be added and searched using images. The backend supports local image storage and PostgreSQL for data persistence.

LANGUAGES

- English
- Tamil
- Hindi(Partly)