Joshua Singh

joshuassingh7@gmail.com • https://linkedin.com/in/JoshSSingh • https://jawa-san.github.io/Portfolio/ • https://github.com/Jawa-San • Orlando, FL

PROFESSIONAL SUMMARY

Innovative Python Developer with hands-on experience in building scalable web applications and automation tools. Proficient in leveraging Python frameworks alongside cloud technologies to enhance operational efficiency. Seeking to employ strong programming skills and collaborative teamwork to deliver impactful solutions in a growth-oriented organization.

TECHNICAL SKILLS

Python • Web Application Development • REST APIs • JavaScript • Low-code Platforms • AWS • ETL Pipelines • Decision Engines • Process Optimization • YAML • Collaboration • Innovation

PROFESSIONAL EXPERIENCE

Python Developer | L&S; Logistic Services | Orlando, FL | Mar. 2024 - Oct. 2024

- Developed Python-based low-code automation tools that enhanced the efficiency of warehouse and delivery workflows, significantly reducing manual intervention.
- Employed REST APIs to integrate with various tools such as Airtable and Zapier, facilitating a data-driven visualization for improved operational management.
- Collaborated with cross-functional teams to identify business needs, designing and implementing efficient workflows that automated key logistics processes.

Research Assistant | University of Central Florida, Prof. Boloni's Lab | Orlando, FL | 2023

- Engineered automated Python workflows to optimize data collection and analytics within AI-driven research projects, ensuring high-efficiency outputs.
- Utilized low-code tools to create visual data representations, enabling researchers to easily interpret results without deep programming knowledge.
- Constructed decision-making frameworks that incorporated machine learning predictions, enhancing the accuracy and reproducibility of research methodologies.

PROJECTS

AI Resume Optimization Platform

- Developed a sophisticated SaaS platform leveraging Python for analyzing job postings and optimizing resumes to match employer requirements using OpenAI API.
- Engineered robust PDF parsing and text extraction systems to convert resumes into structured formats for improved AI enhancer suggestions on keyword optimization.
- Created an interactive web interface with real-time feedback systems, facilitating iterative resume improvement based on ATS compatibility.

Technologies: Python, OpenAI API, React, PostgreSQL, PDF Parsing

Custom AI Chatbot Builder for Small Businesses

- Developed a dynamic SaaS platform allowing small businesses to implement custom AI chatbots tailored to their unique services and website content.

• Integrated OpenAI API for delivering contextually relevant answers, enhancing customer support and operational alignment with organizational policies.

• Built an intuitive widget system that allowed effortless integration of chatbots into existing websites with minimal required technical setup.

Technologies: Python, OpenAI API, JavaScript, Web Scraping, Embeddings

EDUCATION

Bachelor's Degree in Computer Science and Minor in Computational Mathematics and Health Sciences | University of Central Florida | Graduated May 2024

Honors: Received Florida Academic Scholars Bright Futures Scholarship offered to students for 4.0 GPA