Joshua Singh

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PROFESSIONAL SUMMARY

Detail-oriented Software Developer with hands-on experience in creating and maintaining custom web, cloud, and desktop applications. Proven ability to collaborate across cross-functional teams to gather requirements and implement innovative solutions that align with high industry standards. Skilled in optimizing application performance, documentation, and supporting quality compliance in regulated environments. Committed to driving efficiency and delivering responsive technological support that positively impacts organizational goals.

TECHNICAL SKILLS

Software Development • Object-Oriented Programming • Python • JavaScript • Git Version Control • Cloud Applications • Web Development • React • Process Optimization • Collaboration • ETL Pipelines • Decision Engines

PROFESSIONAL EXPERIENCE

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

- Designed and built low-code automation tools, enhancing logistics operations which contributed to critical support functions.
- Collaborated with logistics managers to gather system requirements and deliver AI workflows, streamlining routine tasks in a fast-paced environment.
- Implemented Python and YAML-based systems for processing shipping data, significantly improving reliability and operational efficiency.

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

- Developed automated workflows to facilitate data collection and analysis, improving research outputs with structured, agile methodologies.
- Designed decision-making flows that integrated machine learning predictions, enhancing research efficiency and target alignment.
- Documented processes comprehensively, supporting collaboration and compliance with documentation needs for future projects.

PROJECTS

AI Resume Optimization Platform

- Developed a web-based platform that assesses job postings and optimizes resumes, employing advanced technologies for ease of use across non-technical teams.
- Implemented deep learning features for parsing and analyzing resumes, ensuring high compatibility with ATS systems through keyword optimization.
- Created an interactive user interface for real-time feedback, coupled with performance metrics to enhance application efficiency and user experience.

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

Custom AI Chatbot Builder for Small Businesses

- Engineered a SaaS platform for deploying custom AI chatbots, streamlining support services across small businesses with easy integration.
- Automated content extraction and system training using modern programming techniques, ensuring precision in customer interactions due to well-structured data.
- Leveraged OpenAI API to enhance chatbot performance, aligning responses to business-specific standards and ensuring compliance with operational guidelines.

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