Joshua Singh

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• https://github.com/Jawa-San • Orlando, FL

PROFESSIONAL SUMMARY

Enthusiastic and skilled Full Stack Developer with extensive experience in building responsive applications and automating workflows. Proficient in Python and JavaScript, with a strong focus on creating seamless server-side logic and RESTful APIs. Experienced in implementing data protection solutions and optimizing databases for enhanced performance. Passionate about leveraging digital technologies to drive innovative solutions and enhance business outcomes.

TECHNICAL SKILLS

Python • JavaScript • React • RESTful API Development • Low-code Platforms • YAML • Database Management (NoSQL) • AWS Serverless Services (Lambda, API Gateway) • SDVI (or similar) • ETL Pipelines • Process Optimization • Collaboration • Industry Alignment

PROFESSIONAL EXPERIENCE

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

- Developed responsive applications and low-code automation tools to enhance warehouse and delivery workflows, significantly improving operational efficiency and minimizing errors.
- Implemented robust server-side logic using Python and integrated RESTful APIs to connect various logistics applications and automate data processing tasks.
- Collaborated with logistics managers to design features that leverage user feedback, identify system requirements, and enhance data protection and privacy measures.

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

- Automated data collection and analysis workflows to support AI-driven content detection research, employing Python and NoSQL databases for effective data management.
- Designed and implemented decision-making flows that integrated machine learning predictions into pipelines, providing insightful data visualizations for enhanced research outcomes.
- Documented processes meticulously to aid collaboration, ensuring functionality aligns with internal team objectives for future improvements and reproducibility.

PROJECTS

AI Resume Optimization Platform

- Engineered responsive web applications with a user-friendly interface, leveraging React for front-end development to enhance user experience during resume optimization.
- Built secure RESTful APIs for efficient real-time data processing and feedback mechanisms, integrating seamlessly with backend systems to maximize performance.
- Implemented advanced NLP pipelines for extracting job requirements from various sources, benchmarking skills against market demand to improve candidate success.

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

Custom AI Chatbot Builder for Small Businesses

• Developed a dependable web scraping system for content ingestion, enabling chatbots to retrieve and process business data accurately for contextual interactions.

• Integrated OpenAI API with retrieval-augmented generation functionalities to ensure real-time response accuracy, enhancing user experience and reducing support time.

• Designed embeddable widgets with customizable UI components for effortless integration into websites, ensuring minimal setup hurdles for end-users.

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