Jonathan Rampersad

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Jonathan Rampersad · jono-rams · jono

Summary

A results-oriented Software Engineer, currently pursuing a BSc in Information Technology, with professional experience building automated workflows and customizing enterprise ERP systems in a dynamic Agile environment. Proficient in Python, C++, JavaScript, and Docker, with a strong background in DevOps and Linux, evidenced by managing a personal Ubuntu Server. Passionate about leveraging innovative solutions to streamline processes and enhance data accuracy, aiming to contribute to impactful projects and drive technology advancements.

Skills

- **Languages & Backend:** Python, FastAPI, Flask, Node.js, Hono.js, C/C++
- **Databases:** PostgreSQL, SQLite, Firestore, NoSQL, SQL
- **Cloud & DevOps:** Firebase, GCP, Google Cloud Run, Docker, Git, CI/CD, Linux
- **Frontend:** JavaScript, TypeScript, React, Next.js, HTML/CSS, Tailwind CSS
- **APIs & Methodologies:** REST APIs, Agile Methodologies, Zapier, Workflow Automation, Problem Solving
- **ERP & Business Systems:** Odoo 17, ERP Customization

Experience

Scarlet Creative Software Limited
Full-Stack Developer
2 Union Hall Settlement, San Fernando, Trinidad and Tobago
December 2024 - Present

- Collaborates within a fast-paced Agile/Scrum team, participating in sprint planning, daily stand-ups, and retrospectives to ensure continuous delivery of high-value features.
- Spearheaded custom ERP module development and maintenance in Odoo 17, tailoring the platform to solve critical business challenges and streamline operational workflows.
- Designs and implements complex automation workflows with Zapier, eliminating 10+ hours of manual processes per week and improving data accuracy by 15%.
- Manages a modern CI/CD pipeline for scalable applications using Docker for containerization, GitHub Actions for orchestration, and Google Cloud Run for deployment.
- Architected and delivered a key business system for centralizing leads, utilizing Zapier, Firebase, and Python Cloud Functions to create a real-time, bi-directional data sync with Google Sheets.
- Conducted thorough code reviews to identify performance bottlenecks, resulting in a 25% reduction in application load times and enhancing system reliability.

Caribbean Distribution Partners Limited
ICT User Support Specialist
El Socorro #2, San Juan, Trinidad and Tobago
January 2024 - December 2024

- Provided first-line technical support to customers through Freshdesk, resolving a wide range of IT issues and escalating complex problems to Tier 2 agents.
- Troubleshooted hardware and software problems, performing basic repairs and maintenance on laptops, including battery and keyboard replacements.
- Managed inventory and procurement of IT equipment for multiple subsidiaries, ensuring adequate stock levels to meet business needs.

Hand Arnold Trinidad Limited
Office Assistant
Chootoo Rd, San Juan, Trinidad and Tobago
August 2019 - January 2024

- Provided administrative support and managed office logistics in a professional business environment, demonstrating reliability and strong organizational skills.

Education

University of Bedfordshire
Information Technology
Bachelor of Science (Honours)
January 2024 - Present

Certifications

CCNA: Introduction to Networks
Cisco
October 2024

Credential