Iago Tito

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EDUCATION

Federal University of Campina Grande (UFCG)   Campina Grande, PB, Brazil
Bachelor's Degree in Computer Science   *2018 – 2022*

EXPERIENCE

Software Developer   August 2024 – May 2025
CI&T - Itaú

Go Developer (Mid-Level)   *January 2025 - May 2025*
- Develop high-performance microservices to power customer-facing features in a banking application, such as personalized discounts and credit opportunities.
- Prioritize efficiency and speed, building lightweight and fast services to deliver a seamless user experience.
- Optimize application logging mechanisms, reducing log size by approximately 40% and significantly lowering associated costs.
- Technologies: Go, AWS

Python Developer (Mid-Level)   *August 2024 - December 2024*
- Develop automation for various processes in the field of product sales.
- Integrate systems with LLM tools to generate personalized texts for customers.
- Create a system to support internal processes using Artificial Intelligence and LLMs.
- Technologies: Python, JavaScript, HTML/CSS, FastAPI, PostgreSQL, MongoDB, AWS, Docker, LLM

Site Reliability Engineer   August 2022 – August 2024
Stone Co. & PagarMe
- Develop and maintain an observability platform to ensure that teams have visibility into the health of applications
- Standardize telemetry emission and collection via the observability platform
- Automate procedures to speed up processes for client teams
- Maintain a business rules observability tool via database
- Technologies: Python, Go, C# .NET, JavaScript, Terraform, Datadog, AWS, Kubernetes

Software Development Lead   March 2020 – August 2022
Software Practices Laboratory (SPLab)
- Develop a distributed system for automatic data processing using AI to assist the Federal Police in investigations
- Develop Natural Language Processing (NLP) and Data Analysis algorithm pipelines for automatic processing of Federal Police cases
- Manage the development team and project activities, ensuring task quality and conducting technology research to design system architecture
- Administrate the system for the project's server
- Technologies: Python, Flask, JavaScript, HTML/CSS, Pandas, Numpy, Pytorch, Linux, Docker

PROJECTS

Risk Rate | *Python, FastAPI, PostgreSQL, Docker*   2025
- Develop an integration service to consolidate data from various cloud service analysis tools, enabling a comprehensive system evaluation.
- Design and implement a reporting feature that highlights key system vulnerabilities and provides actionable insights for resolution.
- Utilize Python scripts to ensure seamless data aggregation and processing.

Cuidar | *Python, FastAPI, PostgreSQL, Docker* 2025
- Design and implement a microservices-based system to manage healthcare units, enabling patient and professional registration, treatment queues, and real-time patient monitoring.
- Develop a dedicated authentication microservice using OAuth 2.0 to securely log in operators and manage user roles across the system.
- Create queue management and monitoring modules to ensure system reliability, preventing race conditions and ensuring data consistency.
- Enhance system performance and scalability by optimizing critical components for handling high-concurrency scenarios.

TECHNICAL SKILLS

Languages: Python, Go, C#/.NET, SQL (PostgreSQL), JavaScript, HTML/CSS, Bash
Frameworks: Flask, FastAPI, Pandas, Numpy, Pytorch, Vue.JS, React, Node.js
Developer Tools: Git, Docker, Kubernetes, AWS, Datadog, OpenTelemetry, Terraform, Linux, Vim/NeoVim

COURSES AND CERTIFICATIONS

Log Management Fundamentals - DataDog (2023)
Introduction to Machine Learning - Embedded UFCG (2021)
Introduction to Data Analysis - SPLab UFCG (2020)
Huawei Public Cloud Mini Course - PAQTCPB/Embedded UFCG (2018)