Igor Hipólito Vieira

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Experience

Teravoz - Analista Desenvolvedor Pleno, February 2018 – Present
- Architecture and development of distributed systems using Node.js, Go (golang), Python, Redis, Asterisk (open source telephone PBX);
- Usage of Apache Kafka, RabbitMQ and HTTP for communication between those systems;
- Development of AWS Lambda Functions in Node.js and Go (golang) to handle a few small events inside the architecture;
- Monitoring of the services using structured logging, and other metrics, like uptime, CPU and memory usage all that centralized on Datadog;
- Automated CI and CD environments using Jenkins pipelines and Ansible playbooks;
- Using Docker containers to isolate and ease the deployment of microservices in the production and staging environments.

Trade Force S.A. - Analista Desenvolvedor Pleno, June 2016 - December 2017
- Architecture and development of distributed systems using Node.js, Go (golang), RabbitMQ, Redis, and SQL Server;
- Development and maintenance of ASP.NET MVC and ASP.NET Web API applications;
- TDD and BDD using Nunit (.NET), Mocha and Chai (Node.js) and Go's built-in testing package;
- Dependency Injection using Unity Container on .NET, implementation of design patterns and always taking into account the SOLID design principals;
- Automation of Continuous Integration and Continuous Delivery environments using the concept of Pipeline as Code through PowerShell scripts on TeamCity, and with the whole environment hosted on Azure;
- Containerization of microservices to ease the deployment process using Docker.

Trade Force S.A. - Analista Desenvolvedor Júnior, March 2016 - June 2016 (4 months)
- Development and maintenance of ASP.NET MVC and ASP.NET Web API applications.

Bohm Tecnologia e Soluções Corporativas - Programador Júnior, February 2014 - July 2015 (1 year and 6 months)
- Migrating an ERP which was originally written in Delphi to C# as a desktop application (WPF).

Technical Skills
- Architecture and development of distributed systems using microservices,

communicating through HTTP, message brokers like RabbitMQ and Amazon SQS, and Apache Kafka;

- Backend development in Go (golang), Node.js (JavaScript or TypeScript), C#, Python, Java and Clojure;
- Frontend development in React, Angular.js, jQuery, JavaScript, TypeScript and ClojureScript;
- My experience with databases includes SQL and NoSQL variants: MySQL, SQL Server, Oracle, Redis, MongoDB, and Datomic;
- Version control systems like Git and Team Foundation Server;
- Regarding DevOps, so here are a few things that I can build and that I have knowledge on: automation of CI and CD environments; Blue-Green and Canary deployment; TeamCity and Jenkins for automating tasks like builds, execution of tests, and deployments; containerization of applications with Docker; building playbooks in Ansible to provision environments; the concept of Pipeline as Code; setting up reverse proxies like NGINX; monitoring tools, aggregation of structured logging and distributed tracing logs; and scripting tasks using PowerShell or Python.

Education

- Bachelor degree
    - Ciência da Computação, Universidade Presbiteriana Mackenzie (From: June/ 2018; To: currently attending)
- Technologist
    - Análise e Desenvolvimento de Sistemas, FATEC São Caetano do Sul (From: June/2013; To: March/2016) - not concluded.
- Technician
    - Técnico em Informática, ETEC Lauro Gomes (From: June/2012; To: December/2013) – concluded.
    - Instalação e Manutenção de Microcomputadores e Redes Locais, SENAI - C.F.P. "JOSÉ IGNÁCIO PEIXOTO" (From: June/2011; To: December/2011) – concluded.

Books I've read

I have a passion for learning from books, therefore, I'd like to share here a few titles that helped shape the developer I am today. It's a bit unusual do so in a résumé, but I hope it will collaborate in building a better description of who I am. The list is in chronological order from the most recent book I finished reading.

- The Pragmatic Programmer, by Andy Hunt, Dave Thomas (almost finishing)
- The Joy of Clojure, 2nd Edition, by Michael Fogus and Chris Houser
- Building Microservices - Designing Fine-Grained Systems, by Sam Newman
- The Go Programming Language, by Alan A. A. Donovan and Brian W. Kernighan
- JavaScript: The Good Parts, by Douglas Crockford
- JavaScript: The Definitive Guide, by David Flanagan
- Pro ASP.NET MVC 5, by Adam Freeman
- Pro WPF 4.5 in C#: Windows Presentation Foundation in .NET 4.5, by Matthew MacDonald
- Visual C# 2012 How to Program, 5th Edition, by Paul Deitel and Harvey M. Deitel
- C: How to Program, 6th Edition, by Paul Deitel and Harvey M. Deitel