Curriculum vitae

Personal data

Name: Wesley M.

Technical Knowledge and Skills

CI/CD, Python, Linux, React

Software Engineer, graduated in Computer Engineering, passionate about challenges, with skills focused on the Backend, delivering value with high-level software development, skilled in Python, Go, JavaScript and Django.

Using best practices in the development of REST APIs and microservices, lover of best practices, unit tests and integrated tests together with CI/CD implementation and automation.

Always working with pull request reviews for teammates and passionate about sharing knowledge with the community.

Education

September 2017 — February 2022	Brazil Bachelor's Degree in Computer Engineering, Computer Engineering, Universidade de Ribeirão Preto
September 2014 — February 2016	Brazil Certificate in Mechatronics, Mechatronics, Robotics and Control and Automation Engineering, ETEC - Escola Técnica Estadual de São Paulo
January 2010 —	Brazil

November 2010	Hardware, Computer and Hardware Technology, CEPRODESP
September 2009 — February 2011	Brazil High School, High School/Secondary Diplomas and Certificates, E. E. Prof. Bruno Pieroni

Work experience

October 2022 - January 2023	**Routable, United States, California** Senior Software Engineer

Stack:
- TypeScript,
- Redux,
- Jest,
- Python (Programming Language),
- Django REST Framework,
- Django,
- JavaScript,
- React.js,
- Git,
- GitHub,
- PostgreSQL.

Responsibilities:
- Manage, built and maintained the Platform's main REST API using Python and Django Rest Framework;
- Manage, built and maintained the main Web Application using JavaScript, TypeScript, React and Redux;
- Built and maintained unit and integration tests (E2E) of Backend and Frontend;
- Develop and maintained documentation and participate in agile alignment and ticket management meetings.

November 2020 - Present	**Atados, Brazil** Senior Backend Engineer

Stack:
- Python,
- Django,
- Go,
- Golang,
- PostgreSQL,
- Git,
- GitFlow,
- Docker,
- Kubernetes,
- Google Cloud Platform,
- Camunda,
- Celery.

Responsibilities:
- Built and maintained of new functionalities of the main monolithic volunteering platform, built with Python and Django Rest Framework;
- Mainly responsible for creating and managing the migration of a monolithic architecture platform to microservices using Go/Golang;
- Built and maintained of platform integration services using Python and Go;
- Write unit tests and E2E tests;
- CI/CD pipeline implementation using GitHub Actions and GCP Cloud Build;
- Debugging and resolving critical problems of applications and services;
- Create and maintain project flow, code and architecture documentation;
- Mentoring developers to achieve seniority with best practices;
- Maintain implementation and configurations of Kubernetes deployment;
- Development following the Agile Scrum methodology.

November 2019 - December 2022

LEProjeto, Brazil, São Paulo
Full Stack Developer (Freelancer)

Stack:
- Python,
- Django Rest Framework,
- JavaScript,

- React Native,
- Git,
- GitFlow,
- Docker,
- PostgreSQL,
- AWS (Elastic Beanstalk, RDS, S3, SES).

Responsibilities:
- Responsible for building a REST API gamified teaching application using Python and Django Rest Framework;
- Responsible for building a Mobile Application using JavaScript and React Native;
- Built unit tests and E2E tests on Backend and Frontend;
- Meetings and definitions with the designer and product teams;
- Debugging and resolving of REST API and Mobile Application issues.

November 2019 - November 2020

Próxima Porta, Brazil, Ribeirão Preto
Back-end Software Developer

Stack:
- Python,
- Git,
- GitFlow,
- Docker,
- Zyte (Scrapinghub),
- AWS (Chalice, S3, Lambda, DynamoDB, Cognito, SNS, SQS, SES, SSM Parameter),
- Elasticsearch.

Responsibilities:
- Development of Web Crawlers to extract data from real estate websites using Python and Scrapy;
- Built and maintained REST API using Python and AWS Chalice (Serverless) with a microservices architecture;
- Built and maintained unit and integration tests using Pytest, Mocks and vcr;
- Mentored and supported developers in unrolling out complex tasks and implementations;
- Development following the Agile Scrum methodology,

adapting and creating team routines.

January 2019 - November 2019	**Belga.io, Brazil, São Paulo** Software Developer Internship

Stack:
- Python,
- Git,
- MySQL,
- Google Cloud Platform,
- Linux Server.

Responsibilities:
- Development and maintenance of an opportunity calculation robot arbitration of crypto assets;
- Construction of automation scripts for data extraction and standardization;
- Project versioning using Git and Github;
- Linux server management on Google Cloud Platform and Vultr.

June 2017 - January 2019	**W.M Company, Brazil, São Paulo** Self-Employed Full Stack Developer (Freelancer)

Stack:
- Python,
- Django,
- Git,
- HTML,
- CSS,
- JavaScript,
- CorelDraw,
- Photoshop.

Responsibilities:
- Developer and Freelance Designer of websites and web platforms;
- Creation of graphic arts and digital prints;
- Development of Web Sites using HTML, CSS and JavaScript;
- Development of Web Platforms using Python and

Django.

Portfolio

Routable
October 2022 - January 2023

Manage, built and maintained the Platform's main REST API using Python and Django Rest Framework;
Manage, built and maintained the main Web Application using JavaScript, TypeScript, React and Redux;
Built and maintained unit and integration tests (E2E) of Backend and Frontend;
Develop and maintained documentation and participate in agile alignment and ticket management meetings.
Account Payment and Account Receive REST API, built with Python and Django Rest Framework;
Frontend of the Account Payment and Account Receive web platform, built with React.
Identification and solution of problems in the frontend and backend;
Collaboration with the frontend and backend of the project in launch;
Contribution in the process of identifying and solving bugs in a recently launched project.

Technologies used:
Python, Django, PostgreSQL, Git, Javascript, TypeScript, React, Redux

Atados

Built and maintained of new functionalities of the main monolithic volunteering platform, built with Python and Django Rest Framework;
Mainly responsible for creating and managing the migration of a monolithic architecture platform to microservices using Go/Golang;
Built and maintained of platform integration services using Python and Go;
Write unit tests and E2E tests;
CI/CD pipeline implementation using GitHub Actions and GCP Cloud Build;
Debugging and resolving critical problems of applications and services;
Create and maintain project flow, code and architecture documentation;
Mentoring developers to achieve seniority with best practices;
Maintain implementation and configurations of Kubernetes deployment;

Development following the Agile Scrum methodology.

REST API of a volunteering platform, built with Python and Django Rest Framework;
Monolithic project migration to microservices using Go.
Organization and application of good practices in all code and architecture of projects,
improving the development process;
Development of new architecture and construction of microservices, achieving greater
performance and scalability of the platform;

Creation of an email sending service, to solve bottleneck problems in sending emails from the
company's platform;
Migration of the main endpoint of the platform, obtaining a 10x performance of the old one.

Technologies used:
Python, Django, PostgreSQL, Git, Docker, Kubernetes, Google Cloud Platform

LEProjeto
November 2019 - December 2022

Responsible for building a REST API gamified teaching application using Python and Django
Rest Framework;

Responsible for building a Mobile Application using JavaScript and React Native;
Built unit tests and E2E tests on Backend and Frontend;
Meetings and definitions with the designer and product teams;
Debugging and resolving of REST API and Mobile Application issues.
REST API of a gamified teaching mobile application. built with Python and Django Rest
Framework;
Android mobile application for gamified teaching, built with React Native.
Architecture and construction of the entire API backend;
Architecture and construction of the entire Android mobile application;
Bug resolution, improving the performance of the API and the mobile application.

Technologies used:
Python, Django, Javascript, React Native, Git, Docker, PostgreSQL, AWS

Próxima Porta

November 2019 - November 2020

Development of Web Crawlers to extract data from real estate websites using Python and Scrapy;
Built and maintained REST API using Python and AWS Chalice (Serverless) with a microservices architecture;
Built and maintained unit and integration tests using Pytest, Mocks and vcr;
Mentored and supported developers in unrolling out complex tasks and implementations;
Development following the Agile Scrum methodology, adapting and creating team routines.
Web Crawler to extract data from real estate websites;
REST API in microservices architecture, built with Python and AWS Chalice (lambda).
Automation of CI/CD processes, improving process quality;
Construction of code pattern, improving the development process;
Architecture definition participation with new ideas for API development.

Technologies used:
Python, Git, Docker, AWS

Belga.io
January 2019 - November 2019

Development and maintenance of an opportunity calculation robot arbitration of crypto assets;
Construction of automation scripts for data extraction and standardization;
Project versioning using Git and Github;
Linux server management on Google Cloud Platform and Vultr.
Robot for searching and executing opportunities in cryptocurrency operations.
Server management and monitoring.
Configuration and organization of infrastructure on servers for better performance and monitoring;

Technologies used:
Python, Git, MySQL, Google Cloud Platform, Linux

Self-Employed
March 2017 - January 2019

Developer and Freelance Designer of websites and web platforms;
Creation of graphic arts and digital prints;
Development of Web Sites using HTML, CSS and JavaScript;
Development of Web Platforms using Python and Django.
Construction of websites and web platforms.
Identification and resolution of problems;
Development of new systems, improving the customer process.

Technologies used:
Python, Django, Git, HTML, CSS, Javascript