

# Curriculum vitae

## Personal data

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**Name:** Edson F.

### Technical Knowledge and Skills

Python



Edson is a Software engineer with solid background in Python programming language with major works in large financial companies in Brazil and the USA. He has experience with programming technologies and services such as Docker, AWS, Azure, Rest principles and micro-services and a long history in multi-language teamwork. Edson is easy learner and adaptive professional.

## Education

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January 2020 –  
January 2023

**Brazil**  
**Bachelor's degree in Engineering, Universidade Anhembí Morumbi**

## Work experience

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January 2022 -  
Present

**Payment services company, Brazil**  
**Senior Backend Engineer**

### Stack:

- Python
- PostgreSQL
- MSSQL

**Responsibilities:**



- Working on Disputes services on PayPal / Venmo with Python and PostgreSQL / MSSQL, Pydantic, GHA, etc.
- Development of API, Processors and webhooks for updating Venmo platform with PayPal APIs and Data from Payments, Payouts, Cash outs and other transaction types.
- Working on the Disbursements disputes, development of all the logics to handle with risk and fraud on disputed transactions.
- Development of new product Teen Account.

May 2020 -  
January 2022

**Software Development company, Remote**  
Senior Backend Engineer

**Stack:**

- Python
- C#
- MS SISS
- Oracle client
- PostgreSQL
- Django
- Fast API
- Flask
- Marshmallow
- AWS Lambdas

**Responsibilities:**

- Working for casinos and entertainment market.
- Development of casino management system with integration with top industry software such as Synkros, MGT, FabiCash, etc.
- Development of a new report system for Win/loss statement with adjusted calculations for Jamul Casino.
- Integrations of card transactions on FabiCash with GlocalPayments systems for online reimbursement or credit purchase.

January 2019 -  
May 2020

**E-banking company, Brazil**  
Senior Python Engineer

**Stack:**



- Python
- PostgreSQL
- React

**Responsibilities:**

- As part of the premier team, I am responsible for delivering online banking extensions for the financial institutions using the Q2 SDK over Python with PostgreSQL and, most of the time, ReactJS.
- Development of interface with major core banking (Jack Henry's Silverlake and Core Director, and others).
- Development of Q2 Central extensions for the FI's back office.
- Integration of user data from Banner Bank (US-WA) with Silverlake core for updating IRS data.
- Creation of SDK extension for data validate user data before posting to the core.

November 2017 -  
January 2019

**Software development company, Brazil**  
Software Developer

**Stack:**

- Python
- Django
- Flask
- Fast API
- AWS
- Azure
- CI/CD

**Responsibilities:**

- Maintenance and development of back-end for the company's app in Python with Django, Flask, and FastAPI frameworks, deploying in cloud services (AWS and Azure) as well as the CI/CD routines.
- Development of microservices for data handling and offline sync data.
- Development of new projects and system migrations.
- Development of API to the app, financial simulator for retirement plans and for new sales points.
- Development of Junior plans back-end for a huge marketing campaign that broke sales records on

digital channels.

- Development of micro-services for data maintenance.

May 2016 -  
November 2017

**Advertising Services company, Brazil**

Senior Python Developer

**Stack:**

- Python
- JSON

**Responsibilities:**

- Development of website and programming solutions for e-commerce, propaganda, and APIs for solutions integration.
- Support for IT team concerning to infrastructure sizing, server maintenance, and general support.
- Development of internal BI tools
- Development of an API to connect the site with app, financial simulator for the real estates sales, AdWords and Face Ads data extraction for BI with APIs (JSON).
- Support for all major changes in customers.

May 2015 -  
May 2016

**Telecommunications company, Brazil**

Python Engineer

**Stack:**

- Python

**Responsibilities:**

- Web site development and systems integration with directory services and PBX system.
- Development of click-to-call functions on 3CX PBX.
- Support for customer e-commerce solution.



## Payment system / Web app

### January 2022 - March 2023

It is payment web and mobile app. Users could buy, sell, send, receive and explore all in one place. It's a simple and secure way to get paid back for last night's takeout, send money to friends who have an account with PayPal, buy and checkout with crypto, manage your bills and more. Plus some more interesting and useful features.

Technologies used:  
Python, PostgreSQL