

# Paulo Junior

Backend Software Engineer specialising in Python Development

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## EXPERIENCE

### Python Developer, 4-SURE Technology Solutions

OCTOBER 2021- PRESENT | PERMANENT

- Researching, analysing, and evaluating requirements according to client needs and constraints
- Contributing to a growing list of Django and Python projects, existing monolithic workflow and claims management system.
- Transforming the current monolith system into a microservice based system (team coordination, planning, designing, and implementation)
- Leading a project and overseeing a team of four
- Building automation scripts as needed
- Consistently review other team members' code.
- Work closely with product owner/s, designers, data/business analysts, and front-end and mobile developers to ensure the platform is achieving its goals.
- Working in an agile environment. Participating in sprints, sprint rituals, and having good ticket hygiene.
- Participating in the recruitment of other team members by reviewing resumes, interviewing, setting and reviewing assessments, and making recommendations to the organisation
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### Mid-level Developer, Retail Capital

JULY 2021 - OCTOBER 2021 | CONTRACT

- Creating the organisation's data warehouse to meet business analysis and reporting needs
- Creating Dash/ Plotly datasets, reports, and dashboards  
Deploying data, reports, and dashboards to Dash/ Plotly;
- Software Architecture Design, Development, Documentation, Testing, and Debugging, Maintenance, Algorithm Design and Performance Tuning
- Identifying work process improvements, implementing new technology

## SKILLS

Backend Development

Web development

Cloud Technologies

Database Development

Scripting

## EXPERIENCE

Python

Golang

Django Rest Framework

Flask

Gin

VUE.JS

MySQL

PostgreSQL

MongoDB

MySQLite

Amazon Web Services

Docker

GIT

Wayscript

Jenkins

JSON

YAML

CI/CD Pipeline

Bash

PowerBI

- Arranging program specifications by confirming logical sequence and flowcharts, researching and employing established operations
- Verifying program operation by confirming tests

## Software Developer, Greystone Technologies

MARCH 2021 | CONTRACT

- Using GoLang for CIT (Cash-in Transit) Software
- Building APIs with gRPC & Rest
- Using NATS message processors to build microservices for communication between servers and applications
- Storing message queues in the databases using MySQL
- Containerising microservices using Docker
- Building customised Golang packages
- Deployment & Testing using CI pipelines

## Software Developer, ScopServ Integrated Services

JULY 2020 - FEBRUARY 2021 | PERMANENT

- Involved with ICT projects from planning stages to implementation of a solution; scoping, solution architecture, developing a timeline & technical specifications, and setting budget for projects.
- Custom development & integration
- Scripting telephony-based systems
- Exporting data from client systems into xCally, Qcontact, & ScopTel (Telephony CRMs)
- Custom Report & wallboard development using Power BI, MySQL, and Elastic
- Integrating various software platforms with Asterisk-based telephony solutions (PBX)
- Facilitate root cause analysis of system issues
- Identify ideas/areas to improve system performance and impact availability
- Formulate technical decisions that provide solutions to business challenges

## IT Support Engineer, Research 24/7

JANUARY 2020 - MARCH 2020 | CONTRACT

- Data Cleaning and Exporting
- Script Writing and Testing on NIPO (Odin),
- Lime Survey and Survey to go
- Data Analysis and Visualisation using IBM SPSS and IBM SAS
- Building and Managing Programs using Python
- Assisting with IT Development Structure

Plotly Dash

MS Excel

gRPC

RESTful

SOAP

NATS

Apigee

RabbitMQ

Git

Jira

xCally

Asterisks

Postman

Cloudflare

Microsoft Teams

Dynamics365

Slack

Confluence

NIPO Odin

WordPress

UML

### STRENGTHS

- Natural Problem Solver
- Resourceful
- Responsive to Feedback
- Adaptable
- Tech Savvy

### LANGUAGES

English & Portuguese

- Building and managing of cloud services using AWS
- Testing new technology
- Monitoring and maintaining computer systems and networks
- Providing technical support across the company
- Network Configuration
- Assigning user permissions and privileges
- Troubleshooting
- Installing software and system configurations
- Assisting with every digital area of the business
- Training other staff members

## **Software Developer, Eduvos**

FEBRUARY 2019 - OCTOBER 2019 | CONTRACT

- Solution Design and Development
- Decided which Tech Stack to be used for the solution
- Analysing risk with chosen frameworks
- Scalability and Maintenance determination
- Back-end Web Application Development using Python Django
- Frontend Web Development Using CSS, HTML5, and JavaScript
- Database Development Using MySQLite And PostgreSQL
- Server Building using Windows and Linux Command Line and Deployment
- Created an API to interface with the reporting system
- Integrated our system with social media APIS
- Used Python Libraries to build a report system
- Used Python Dash for data visualisation
- Adjusted software parameters to boost performance and incorporate new features
- Performed testing on software to uncover bugs and troubleshoot functional issues before application launch

## **Programmer, IT Solutions**

AUGUST 2017 - NOVEMBER 2018 | INTERNSHIP

- Web Development using WordPress
- Server Configuration using Linux
- Verifying the legitimacy of transactions
- Managing payroll using Primavera

## **FREELANCE EXPERIENCE**

### **Software Developer , Lordshine Holdings**

JANUARY 2019 - DECEMBER 2020

- Producing, testing and debugging code

- Develop high-quality software design and architecture
- Identify, prioritise, and execute tasks in the software development life cycle
- Develop tools and applications by producing clean, efficient code
- Automate tasks through appropriate tools and scripting
- Review and debug code • Perform validation and verification testing Collaborate with internal teams and vendors to fix and improve products
- Document development phases and monitor systems
- Ensure software is up-to-date with latest technologies

## EDUCATION

### **Eduvos SA, BSc. Informatics**

Completed 2019

Relevant Coursework:

- Software Development | Databases | Information Systems | Algorithm Design | Human Resources | Quantitative Techniques.

## REFERENCES

Available upon request