Amon Gabriel dos Santos Paiva

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Summary

I am passionate about technology and delivering results. I like to work on relevant projects that have a positive impact on society bringing more efficiency and productivity to the environment and people's lives. I am a person self-motivated, self-taught, flexible, and multidisciplinary that is ready for the new and wants to be part of the change.

Working with virtualization gave me a macro vision of solutions and knowing deep programming fundamentals makes shifting between different languages an easy move.

I have a preference to work in a team because I believe that the sum of all parts is more than all parts individually and I like to cultivate good relationships.

Experience

Team Lead | Scrum Master | Full stack Developer

Banco do Brasil

Jan 2020 - Present (2 years 5 months +)

Lead the development of the decentralized management tool for managing virtual machines and physical servers outside of the cloud environment (legacy).

Our mission is to encapsulate the application life cycle complexity making it simple as an administrative decision.

Currently, this tool has +400 active users who manage +30k servers. Several infrastructure automation was delivered that enable more efficient management of the entire life cycle of solutions, bringing operational gains and lower exposure to compliance risks changing organizational culture to the cloud.

The main roles and technologies:

- Solution architecture planning
- Tech Decisions
- OKR
- Agile team formation
- Scrum master and Team Leader
- Front End Developer Engineer
- React
- HTML
- Figma
- Javascript
- Typescript
- CSS
- HTML
- Backend Developer Engineer
- Python
- Ansible
- DevOps

- Git code versioning
- Microservices
- MySQL
- OAuth and LDAP integration
- Docker
- Semantic Versioning
- Restful API
- Twelve-Factors App
- Object-Oriented Programming
- Design Partners
- RabbitMQ
- ZeroMQ
- Jenkins Pipeline
- Kubernetes
- Argo
- Rancher
- Provides Infra as code (IaaS)
- Automations development
- VMWare
- IT Recruiter

Business Owner

StackTech Sistemas

Sep 2020 - Present (1 year 9 months +)
Full-stack development engineer with end-to-end web applications and other solutions.

- Web development (React JS, HTML, CSS)
- Backend development (Node.JS, Python Flesk)
- Code management (GitHub)
- CI/CD (GitHub Actions. and AWS CI/CD pipelines)
- AWS products configuration (EC2, RDS, Route 53, Elastic Beanstalk, Networking, Docker Registry, and others)
- Azure products configuration (VM, Docker Registry, Container Application, and others)
- Payment Gateway Integration (Pagarme)
- Telegram Bot

Stock Exchange Trading Bot Developer

Freelance

Jan 2017 - Present (5 years 5 months +)
I started to get interested in investments under the influence of an uncle and I ended up fascinated.
The automation of trading operations by bots eliminates emotional and subjective aspects that normally get in the way of new investors.
Since the beginning, I could develop +30 bots and my own framework to accelerate and standardize the development.

- MQL5
- MetaTrader

Researcher

Universidade de Brasília

Oct 2018 - Feb 2020 (1 year 5 months)

The work consisted of creating and supporting the necessary infrastructure for the Apache Ambari analytical platform to carry out various research in the area of data science with data from the Ministry of Economy on Brazilian companies and their employees. This partnership between the government and University made it possible to rescue people in a situation similar to slave labor and reduce corporate tax evasion.

- Infrastructure planning and maintenance
- PostgreSQL cluster implementation with HA
- Linux support
- Ansible automation
- Hortonworks Data Platform maintenance

Visualization Specialist (zVM, zKVM and Linux on Z)

Banco do Brasil

Aug 2012 - Dec 2019 (7 years 5 months)

This was my main school in IT. I had an opportunity to participate in z/VM and zLinux revitalization. To plan and support one of the biggest Mainframe virtualization environments of the world gives me a wide knowledge about enterprise IT and how the parts connect each other. As result, our team was awarded twice by E-Finance Brazilian magazine.

The main highlights were:

- zVM Planning, installation, customization, and performance tuning
- Dirmaint configuration
- Performance Toolkit configuration
- PROP installation and configuration
- Omegamon for zVM installation and configuration
- IBM Tape Manager and Backup and Restore Manager installation and configuration
- Backup automation
- Networking tuning
- Migration from Non-SSI to SSI cluster
- Three storage subsystems migrations
- Virtual Machine provisioning automation through x-CAT
- Linux images creation
- Linux support and tuning (RHEL and SLES)
- GPFS - General Parallel File System installation and administration
- Problem Determination
- +10 applications ported to DCSS
- zKVM Planning, installation, customization, and performance tuning
- Extensive documentation
- Onboarding and Knowledge Transfer
- Extensive system automation (REXX)
- Development of zKVMBackup tool (Python)
- Development of storage allocation web application

- Software POCs

Web Developer
Freelance
Mar 2016 - Aug 2016 (6 months)
At this job, I had my first professional opportunity as a developer. The work consisted of building a Java Web Application to manage a small personal improvement company. The application was designed to work as a school with students, classes, enrolment, and financial control.

- Java JSF
- HTML
- CSS
- MySQL

Banking Officer
Banco do Brasil
Mar 2011 - Aug 2012 (1 year 6 months)
As I have always been dynamic and proactive, I had the opportunity to work in several areas at the bank's office and the main ones were:
- Customer service
- Sale of financial and banking products
- Cash processing

Education

Universidade Católica de Brasília
Master's degree, Governance, Technology and Innovation
Aug 2021 - Aug 2023

Estácio
Postgraduate Lato Sensu - Specialization, Mobile Development
Jan 2021 - Dec 2021

Universidade Católica de Brasília
Master of Business Administration - MBA, Financial and Capital Market
2018 - 2019

Universidade Católica de Brasília
Bachelor's degree, Information Technology
Jan 2012 - Dec 2016

Skills

Agile Methodologies • React.js • Node.js • DevOps • JavaScript • HTML • TypeScript • Python • CSS • Git