

Fabricio Aguiar de Oliveira

São Paulo, Brazil

fabricio.aguiar@gmail.com · +55(11)99965-2368

Skype: fabricioo0.oliveira

<https://linkedin.com/in/aguiarfabricio>

Personal Details:

1989, April 12 · Rio de Janeiro

Brazilian · Male · Single

Python Developer

Data and results-driven professional with hands-on experience in python web development.

Track record of success writing efficient/scalable codes and developing back-end components for building highly responsive and server-side web applications. Excel at integrating user-facing elements into web applications and with third-party web services. Ability to manage multiple tasks effectively and readily master innovative software and tools. Strong python programming, analytical, problem-solving, communication, and attention-to-detail skills.

*Software Development / Pyramid, Flask, & Django Frameworks / Automated Testing
Qualitative Research & Coding / Root Cause Analysis*

TECHNICAL PROFICIENCIES

Platforms: Windows, Linux.

Programming: Python, Selenium, Bash, Ansible, SQL, SQLAlchemy, Celery, Asyncio, PostgreSQL, Git, GitHub, JIRA, AWS, Docker, Delphi, C, C++, MATLAB, VBA

Tools: Microsoft Excel, SAP, MS Access, MindGenius, Minitab, Reliasoft, AutoCAD, LabVIEW, Intouch, RSlogix

Other Skills: Lean Six Sigma, Root Cause Analysis, GUT Priority Matrix, SWOT Analysis

PROFESSIONAL EXPERIENCE

Software Engineer (7/2019 – Present)

Red Hat, Inc.

Technical Scope: (Python, Asyncio, Django, DRF, PostgreSQL, OpenAPI, Git, GitHub, Bash, RPM, Ansible, CI/CD, AWS, and Docker).

...Continued...

Fabricio Aguiar de Oliveira

Worked on several pulp plugins: RPM, ansible, docker, ... Contributed to performance improvements on pulpcore and its plugins, improving the speed and reducing the memory consumption. Currently working on CI/CD seeking to reduce build time and making the installation process easier.

Key Achievements:

- Reduced memory consumption on syncing/publishing process, from 23GB to 8GB
- Reduced syncing/publishing time from 2 hours to about 10 minutes.

Mid-Level Python & Backend Developer (9/2018 – 7/2019) Geru Tecnologia e Serviços S.A.

Technical Scope: Methodology (Agile / Scrum) and Technologies (Python, Pyramid, Celery, SQLAlchemy, PostgreSQL, Sentry, Logentries, Git, GitHub, JIRA, AWS, & Docker).

Create, develop, and maintain dashboards in Grafana while analysing performance and business metrics. Prepare interactive onboarding documentation for financial mathematics concepts by utilising jupyter notebooks. Formulate accurate spreadsheets and reports with data visualisation via interactive charts using jupyter notebooks, SQLAlchemy, and Plotly.

Key Achievements:

- Slashed the onboarding time by creating and maintaining interactive jupyter notebooks.
- Introduced and implemented new services for transition from monolith to microservices.

Junior Python & Backend Developer (9/2017 – 8/2018) Geru Tecnologia e Serviços S.A.

Technical Scope: Methodology (Agile / Scrum) and Technologies (Python, Pyramid, Celery, SQLAlchemy, PostgreSQL, Sentry, Logentries, Git, GitHub, JIRA, AWS, and Docker).

Orchestrated technical support to tech lead in the system maintenance and development of new features. Identified and resolved small impact bugs efficiently. Collaborated with senior python developers for creating tests scenarios in compliance with quality assurance (QA) standards.

Key Achievements:

- Promoted from junior to mid-level python engineer for providing service excellence.
- Appreciated by chief technology officer (CTO) for delivering two epics at payments squad.

Reliability Engineering (Intern) (3/2015 – 3/2016)

Baker Hughes Inc., Macaé, RJ

Technical Scope: Excel, SAP, Minitab, ReliaSoft, MindGenius, Lean Six Sigma, Root Cause GUT Priority Matrix, SWOT Analysis.

Led macros integration with Excel, SAP, and MaPS (BHI's Intranet Website) to increase efficiency and facilitate access to data in a more reliable and fast manner. Wrote local

...Continued...

procedures. Identified failure trends and provided accurate statistics for management reports and client answers. Delivered local support to assembly, maintenance and overhaul team and performed risk assessment for tools and operations under adverse conditions.

Key Achievements:

- Conducted root cause analysis of drilling/evaluation tools (MWD/LWD).
- Successfully reduced the time to sync the Baker Hughes' databases (Maintenance x SAP) from 8000 records per month to 10000 records in 24h by developing and implementing an excel macro.

Additional Experience:

Programming Tutor (2008-2009) · Universidade Federal Rural do - Nova Iguaçu Rio de Janeiro, RJ

Computer Technician (2004-2005) · Tribunal Regional Federal 2ª Região - Rio de Janeiro, RJ

EDUCATIONAL BACKGROUND

Bachelor of Science in Control & Automation Engineering, 2016

Instituto Federal Fluminense, Rio de Janeiro, Brazil

Professional Development

Classes of Engineering & Business - Tennessee Technological University, Tennessee, USA, 2014

Intensive English Programme - Stony Brook University, New York, USA, 2013, 2014