Resume

Paulo Henrique Pimenta

2025-09-26

Personal Information

- Location: São Paulo, Brazil

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- Github

Professional Experience

Software Developer/Test Analyst — Meta

Jul 2024 – Present | São Paulo, Brazil (Remote)

- Development in **C/C++, Java, and Python** for asset management systems.

- Source code versioning using **Git/SVN**.

- Support for **test automation**, ensuring reliability and code quality.

Software Engineer/Test Analyst — FBM Brasil

Jun 2023 – May 2024 | São Paulo, Brazil (On-site)

- Development of **embedded systems** for international clients (Mexico and the Philippines).

- Technologies: **C++, Lua, SQLite3, TFS**.

- Focus on software robustness and reliability in embedded environments.

Back-End Developer/Test Analyst — AT&M Tecnologia (NSTech)

Feb 2022 – Jun 2023 | São Paulo, Brazil (Hybrid)

- Implemented new features and fixed bugs in a **mission-critical insurance system**.

- Technologies: **NodeJS, PHP, MySQL, Docker** within an **Agile environment** (Azure DevOps, Git).

- Strong contribution to **test automation culture**:
  - Defined and executed **test plans**.
  - Redesigned and reimplemented **automated test suites**.
  - Ensured **back-end reliability** and reduced failures in production.

Business Intelligence Analyst & Software Developer — ATECH

Dec 2020 – Feb 2022 | São Paulo, Brazil (On-site)

- Developed Python applications for **meteorological data processing** (GRIB decoding for the Global Forecast System).

- Built **market intelligence reports** for sectors including Defense, Aviation, and B2B.

- Supported management decisions with **data-driven insights** on global markets.

Software Developer — ATECH (Air Traffic Control Systems)

Apr 2017 – Dec 2020 | São Paulo, Brazil (On-site)

- Contributed to the **Air Traffic Control System** of the Brazilian Air Force using **C and Java**.

- Designed and implemented **test automation scripts** with **Python and Bash**, using **Froglogic Squish**.

- Achieved recognition for test automation projects at major conferences (SITRAER and SETI).

- Ensured quality assurance in **ATM/ATC critical systems**.

Scientific Researcher (Internship) — IAG/USP

Jul 2011 – Jul 2012 | São Paulo, Brazil (On-site)

- Conducted research on **South Atlantic cyclones** using NASA/NOAA reanalysis datasets.

- Developed scripts in **GrADS and Bash Shell** for **time-series meteorological analysis**.

- Worked in the MASTER Laboratory with a focus on data-driven atmospheric research.

Education

- **Bachelor's Degree in Atmospheric Sciences** — University of São Paulo (USP)
- **Bachelor's Degree in Data Sciences** - UNIVESP
- **Master of Arts in Java Technology** - UTFPR

Technical Skills

- **Languages:** C, C++, Java, Python, NodeJS, PHP, Lua, SQL

- **Testing & QA Tools:** Automated Testing, Selenium, Squish, Test Plans, Git, SVN, Azure DevOps

- **Infrastructure:** Docker

- **Expertise Areas:** Test Automation, Manual test, Software Quality Assurance, Embedded Systems, Data Analysis, Business Intelligence