

ERICK PASSETTI

CONTACT

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- Sao Paulo, Brazil (open to relocation)
(Italian Citizenship Process)
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- <https://github.com/Passetti-cmd>

EDUCATION

SÃO JUDAS UNIVERSITY

B.S. in Systems Analysis and Development (Bachelor degree)

MIDDLE SCHOOL DIPLOMA

Bridgewater Middle School,
Orlando, FL (International Experience)

SKILLS

Languages: Python, TypeScript, JavaScript
Backend: FastAPI, Flask, Node.js, REST APIs
Frontend: React, HTML, CSS
Cloud & DevOps: AWS (S3, EC2), Docker, Git
Databases: MySQL, SQL, MongoDB
Data & AI: Pandas, NumPy, Scikit-learn, Power BI
Content Development

COURSES

IBM

Full Stack Software Developer
Professional Certificate

HARVARDX

CS50's Introduction to AI with Python

ABOUT ME

Backend Software Engineer with 2+ years of experience in IT infrastructure, data analysis, and software development. Specialized in building scalable APIs and automation services using TypeScript (Node.js), Python (FastAPI), and AWS. Proven track record of optimizing production workflows and managing cloud-native systems. Native Portuguese speaker with advanced English fluency gained from 2 years of residence in the United States, comfortable working in multicultural and international remote teams.

WORK EXPERIENCE

JUNIOR SOFTWARE ENGINEER | SAUDE BLISS

(Mar 2025 – Present)

- Tech Stack: TypeScript (Node.js), Python (FastAPI), AWS (EC2, S3), SQL, Git.
- Developed and maintained mission-critical backend services and APIs for a health insurance platform, ensuring high availability for brokers.
- Architected and monitored automated bots for third-party API integration and web automation, reducing manual operational overhead.
- Managed cloud infrastructure on AWS, utilizing S3 for data storage and EC2 for hosting automation services, while performing daily log analysis to ensure system stability.
- Refactored legacy automation scripts to improve reliability and adaptability to external system changes.

DATA ANALYST INTERN | SESI SÃO PAULO

(Jan 2025 – Mar 2025)

- Tech Stack: Python, SQL, Power BI, ETL Pipelines.
- Designed and implemented automated data pipelines using SQL and Python, enhancing data consistency for corporate reporting.
- Developed interactive Power BI dashboards to support data-driven decision-making across cross-functional teams.

IT SUPPORT & INFRASTRUCTURE ANALYST | PRECOLANDIA

(Sep 2023 – Aug 2024)

- Automated repetitive IT tasks using PowerShell/Bash scripting, improving team productivity and reducing response time for ERP-systems in a high-volume retail environment.
- Performed complex SQL queries for database troubleshooting and data extraction to support business operations