



Marcos Mazoti

Software Engineering Specialist

Address

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Brazilian
GMT-3

Portfolio

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Languages

Portuguese ★★★★★
English ★★★★★

Cloud

Azure ★★★★★

OS

Windows ★★★★★
Linux ★★★★★
Unix ★★★★★

Virtualization

VirtualBox ★★★★★
Docker ★★★★★

Databases

SQLs ★★★★★
MongoDB ★★★★★
Neo4j ★★★★★

Experience

- 2016 - 2025 **Freelancer** [O'Reilly](#)
Development of open source projects on GitHub (below), database encryption solutions for a security startup in Ireland and technical review of the book "Identity Security for Software Development".
- 2023 - 2024 **AI Developer** [Precision Data](#)
Development and maintenance of Natural Language Processing (NLP) AI applications for a remote startup company using Azure Functions, Container Apps, Supabase and LLMs with Python and FastAPI framework.
- 2015 - 2016 **Full-Stack Developer** [Neolog](#)
Development and maintenance of a desktop application for the logistics industry, working within a team of developers, testers and business analysts using agile methodology with Java, Spring Boot, JavaScript and AngularJS framework.
- 2014 - 2015 **Full-Stack Developer** [Techne](#)
Development and maintenance of the company's internal framework used by web systems in the education, healthcare and government sectors with SVN source control management, Java, Spring, JavaScript and ExtJS framework.
- 2012 - 2013 **Backend Developer** [NIC.br](#)
Development and maintenance of network systems for domain name registration (DNS) using Git for source control management with C++, Go and PostgreSQL.
- 2010 - 2012 **EMV & Telecom Developer** [Giesecke+Devrient](#)
Development of embedded systems for smartcards and desktop applications for data generation in the banking and telecommunications industries.

Projects

- 2024 - 2025 **AboutMe** [Download](#)
A C++ program designed to display detailed information about the user's hardware and software in a fast, easy, and safe manner.
- 2022 - 2025 **Sync** [Download](#)
A fast, portable, secure open-source tool written in Rust for creating backups, finding duplicate files and empty folders (3 sponsors).

Education

- 2010 - 2012 **Software Engineering Specialist** [Instituto Tecnológico de Aeronáutica - ITA](#)
Final paper: *Design Pattern with parallelism for real-time systems*. 36 pages. Instituto Tecnológico de Aeronáutica. Sao Jose dos Campos (in portuguese).
- 2005 - 2009 **Bachelor of Computer Science** [Universidade Estadual de Campinas - Unicamp](#)
Volunteer work at Santa Casa de Jau: developed a desktop application that improved efficiency in the pediatric intensive care unit, resulting in better patient management.