

# Edson Aguiar

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Senior Software Engineer | ERP Systems | C++, .NET, Python | API & Database Integration

## ERP, API Integration e Financial Systems

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### SUMMARY

Senior Software Engineer with 20+ years of experience designing and developing ERP and business solutions. Specialized in system integration (APIs, Web Services, Sockets), database connectivity, and automation. Proven success in improving system efficiency and compliance, reducing backlogs, and enhancing user satisfaction. Experienced in C++, .NET, Python, and SQL databases across financial, retail, and industrial sectors.

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### KEY ACHIEVEMENTS

- Reduced backlog by 15% in 1 year
- Improved NPS by 4 points
- Migrated national invoicing system ensuring compliance

### EXPERIENCE

#### Senior Lead Engineer

**Lins Ferrão Group** (*Aug 2024 – Present*)

- Analyze the **Python** projects and set the priorities.
- Set the allocation of resources and estimates development time.
- *Report the progress and solve occasional problems.*
- Automatization tasks with **C++**.
- *Obtained results: Inclusion of control tools to the integration system to monitor the activity, reducing significantly the incidents during the early morning hours.*

#### .Net Developer

**LG Computers SA** (*Nov 2021 – Apr 2024*)

- Human Resources system development(**VB6, VB.Net, C#, MSSQL, Oracle**).
- Soap XML integration, API development to Soap connection.
- *API development to connect to other systems of the company.*
- Obtained results: Growing NPS from 51 to 55 between 2022 and 2023.

#### Python Developer

**Linx Software** (*Nov 2019 – Nov 2021*)

- Gas station system development(**Python, PostgreSQL**).
- WebAPI integration via Json, integrated billet with banking automation.
- *Issuance of Electronic Invoice, Tax Coupon, Inventory control, Purchase control with XML import.*
- Control of sales front of retail cashier, Control of accounts payable and receivable.
- Obtained results: Reduction of the backlog by 15% in 2020.

## Earlier Experience *(Out 2003 – Set 2019)*

ERP system development (**C++**, **VFP**, **VB6**, **Java**, **Delphi 7/XE5**, **xBase**, **MySQL**, **MSSQL**)

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## EDUCATION

**Uninter** – Degree in Systems Analysis and Development *(11/2015-01/2018)*

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## CERTIFICATIONS

- Modern Qt Course with C++ for Linux and Windows - Udemy (Marcos Oliveira) - 08/2023.
  - Advanced Modern C++ Course - Udemy (Marcos Oliveira) - 05/2023.
  - Development C++ with QT - Elaborata - 07-08/2013.
  - Others: Java - 2005, OOP - 2004, Linux (4 courses) - 2001-2004.
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## PROJECTS & CONTRIBUTIONS

C++ Project: [https://bitbucket.org/edsonaguilar/newmaster/src/NewMaster\\_Clients/](https://bitbucket.org/edsonaguilar/newmaster/src/NewMaster_Clients/)

Python project: <https://github.com/edson-cpp/cadNX>

Several Projects: <https://github.com/edson-cpp?tab=repositories>

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## LANGUAGES

- **English:** Advanced (C1)
  - **Portuguese:** Native
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## SKILLS

**C++** • **Python** • **.Net** • **Git** • **SVN** • **CVS** • **MySQL** • **SQL Server** • **PostgreSQL** • **Oracle** • **Firebird** • **Qt** • **Visual Studio** • **VS Code** • **Jira** • **Redmine** • **Asana** • **Scrum** • **MS Project** • **SOAP** • **GTK** • **ERP Systems** • **Financial Automation** • **Inventory & Purchasing** • **MRP2**