VICTOR SALES

FULLSTACK DEVELOPER

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ABOUT ME

I have been working as a Full-Stack Developer for over 2 years, primarily using Java 17, Spring Boot, C# .NET 6, React, Node and SQL. I'm reducing world starvation by improving food quantity and quality for small scale farmers throught the Demeter AI.

CARRER

• **Software Engineer** at TAGNA Tecnologia (Belo Horizonte, Brazil) - *from april 2024 to august 2025 (1 year and 4 months)*
With Java, Spring, Node.js, and React, i create web application solutions. I integrate industrial machinery with the internet, driving technology and automation in industries globally as part of Industry 4.0. My core tasks include developing components, managing data flow to endpoints, and setting up and configuring API routes to persist data to controllers and service layers.

• **Software Engineer** at Group Software (Belo Horizonte, Brazil) - *from april 2023 to april 2024 (1 year)*
I used C#, JavaScript, and SQL to develop and maintain the largest condominium management system in Latin America. My role involved both desktop and web development, focusing on troubleshooting and resolving bugs in pure JavaScript web pages, refining server-side controllers and models, and optimizing Microsoft SQL Server queries for better performance and reliability.

• **Cybersecurity Analyst** at Logicnet (Belo Horizonte, Brazil) - *from march 2022 to april 2023 (1 year and 1 month)*
Using VBScript and Python, I automated cybersecurity processes, extracting and analyzing antivirus logs on Windows and Linux servers to enhance threat detection and response. I also configured, monitored, and managed over 400 Firewalls across Brazil, including for the Brazilian Public Prosecutor's Office, ensuring security policies were effectively implemented and maintained.

EDUCATION

• **Master of Science in Artificial Intelligence for Sustainable Societies** - *from august 2025 to august 2027 (2 years)*
Tallinn University (Tallinn, Estonia), Universidade Lusófona (Porto, Portugal) and Tampere University (Tampere, Finland)
  • Erasmus Mundus Scholarship for Academic Excelence - funded by the European Union

• **Bachelor of Science International Research** - *from september 2024 to december 2024 (4 months)*
University Of South Bohemia (České Budějovice, Czechia)
  • Paper about Artificial Intelligence Usage in Agriculture. Read the study
  • Recommendation letter from M.Sc. and M.Eng. Tomáš Zoubek

• **Bachelor of Science in Information Systems** - *from january 2022 to june 2025 (3 years and 6 months)*
 Faculdade Pitágoras (Contagem, Brazil)
  • Thesis about integrating IoT, AI and Software Engineering to Foster Sustainability. Read the thesis
  • First Class Student with a 3.91 / 4 GPA

PROJECTS

• **Demeter AI** - *Javascript, React, Node.js, Supabase, Python, AI*
System that uses its own AI to analyze soil and planting data in order to increase agricultural production and food quality.

• **iSendIT** - Production | Github - *Javascript, React, Node.js, Supabase*
Cybersecurity system for SOC teams, create tickets and automate scripts to manage Fortigate firewalls.

• **Hydra** (open source contributor) - Production | Github - *Typescript, React, Electron, Node.js, Python*
Game launcher that allows you to download, play, track your stats and manage your games all in one place.

LANGUAGES

Portuguese (C2), English (C2), Spanish (B1), French (A2)