

# Geilton Xavier Santos de Jesus

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## EDUCATION

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- **ETEP University** São Paulo, Brazil  
*Bachelor of Science in Computer Science* Nov. 2024
- **University Cruzeiro do Sul** São Paulo, Brazil  
*Bachelor of Technology - BTech in Systems Analysis and Development; GPA: 4.00* Feb. 2013 – Oct. 2015
- **University São Judas Tadeu** São Paulo, Brazil  
*Bachelor of Computer Systems Information; Dropout* Jan. 2012 – Feb. 2013

## EXPERIENCE

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- **Siemens Portugal – Smart Infrastructure** Lisbon, Portugal  
*Senior Software Engineer* Dec. 2024 – Present
  - **Technical Leadership and Cloud Native Development:** Acting as a Senior Software Engineer in the Smart Infrastructure department, focusing on cloud-native applications and DevOps practices. Responsible for technical leadership, guiding team members in architectural decisions, best practices, and scalable solutions.
  - **Cloud Solutions and Automation:** Daily activities include development, integration, and automation of cloud-based solutions, leveraging Azure services such as Azure Functions, Web Apps, Service Bus, and Logic Apps.
  - **DevOps and Infrastructure as Code:** Experience with CI/CD pipelines, Infrastructure as Code using ARM/Bicep, PowerShell, and Bash. Main development stack: .NET 8.
  - **Security, IAM, and Networking:** Transversal role in identity and access management (IAM), configuration of Managed Identities, RBAC permissions, and implementation of security, compliance, and networking best practices (VNETs, private endpoints, firewalls, NSGs).
  - **Governance and Observability:** Direct involvement in building resilient and secure environments, defining governance, observability, and automation strategies throughout the application lifecycle.
- **NovaBase Group** Lisbon, Portugal  
*Senior Software Engineer — Software Architect (Hands-on)* Apr 2021 - Dec. 2024
  - **Platform Architecture and Cloud-Native Standardization:** Worked in the Platforms Architecture team at Fidelidade Seguros, leading initiatives to modernize and standardize cloud-native development across multiple teams. Designed and built scalable systems and reusable assets to empower delivery teams company-wide.
  - **Reusable Templates and CI/CD Pipelines:** Led the standardization of cloud-native architecture, delivering reusable Visual Studio project templates and YAML-based CI/CD pipelines tailored to internal needs. These assets have been adopted by over 300 developers, accelerating cloud adoption and improving delivery consistency.
  - **Training, Enablement, and Continuous Improvement:** Provided hands-on training sessions and maintained integration/unit test examples to support onboarding and adoption. Continuously improved templates and delivery processes to ensure alignment with market standards and evolving requirements.
  - **Technical Leadership and Innovation:** Supported teams in .NET development and software architecture best practices, promoting innovation through internal trainings and practical examples. Drove technical decisions on scalability and maintainability, aligned with DDD and TDD principles.
  - **Tooling and Automation:** Developed tools for vulnerability analysis, project health monitoring, and decision support, automating processes previously done manually. Created microservices for Azure DevOps data collection and file management used across internal projects.
  - **Tech Stack:** .NET Core, .NET Framework, .NET 6/8, Azure, Azure DevOps, Docker, Kubernetes, SQL Server, SonarQube
- **Agap2IT Portugal** Lisbon, Portugal  
*Senior .NET Software Developer, Architect, Full Stack* Jan 2020 - Mar 2021
  - **Marketplace Platform:** I worked at the SoftFinança client, in the product engineering team and currently work directly on the development of Marketplace and Internet Banking platforms.
- **Mttechne, Construindo Soluções** São Paulo, Brazil  
*Senior .NET Software Developer, Architect, Full Stack* Jul 2019 - Dec 2019

- **Financial System – Edenred Brasil (Ticket):** Returned to the Financial System project at Edenred Brasil (Ticket), where I had previously contributed via Vizir Software Studio, continuing the evolution of the company's financial platform. Key achievements:

- \* Designed distributed architecture to decouple Oracle ERP from financial APIs.
- \* Delivered 10+ microservices using RabbitMQ and Kubernetes.
- \* Reduced ERP-related costs by over 80% and improved system performance and observability.

Tech Stack: .NET Core, APIs, C#, Oracle, Docker, Rancher, Kubernetes, GoCD, RabbitMQ, Angular, DDD, TDD.

- **Ticket Shop E-commerce:** Developed the Ticket Shop e-commerce platform (prepaid card acquiring platform) and several supporting services for card delivery.

## • Vizir Software Studio

São Paulo, Brazil

Senior .NET Software Developer, Full Stack

Sep 2017 - Jun 2019

- **Financial System – Edenred Brasil (Ticket):** Worked on the Financial System for Edenred Brasil (Ticket), a microservices-based financial hub focused on integrations and performance. Tech Stack: .NET Core, APIs, C#, Oracle, Docker, Rancher, Kubernetes, GoCD, RabbitMQ, Angular, DDD, TDD.
- **Global Account Register – Natura & Co:** Led a team in the development of the Global Account Register platform for Natura & Co. Coordinated with PMs and delivered AWS-integrated features using Lambda, SQS, SNS, and API Gateway. Provided architectural guidance and team mentorship. Implemented integrations with payment gateways and created Proof of Concepts for AWS services, providing technical documentation for future project implementation. Tech Stack: Node.js, Express.js, AWS Lambda, API Gateway, SNS, SQS, MySQL, Knex.js.
- **TicketLog System – Edenred Brasil (Ticket):** Developed the TicketLog system (fleet management platform). Tech Stack: .NET (WCF, WebAPI, C#), DDD, TDD.

## • FCamara Consulting & Training

São Paulo, Brazil

Senior Software Developer, Full Stack

Aug 2017 - Sep 2017

- **Frontend Initial Architecture:** Performing the entire software development cycle of the application - from development to maintenance on the frontend with Angular. Tech Stack: Angular, WebAPI.

## • Deal

São Paulo, Brazil

Senior Software Developer, Full Stack

Sep 2016 - Aug 2017

- **Loyalty and Incentive Programs:** Analysis and development of incentive programs for clients such as Nestlé, BRF, Hypermarchas, Coty and Vivo; Development of Ecommerce platforms; Participation in projects with aggressive deadlines and continuous delivery through strong implementation of SCRUM, the methodology adopted in the project; Direct integration with Web Awards system through services to redeem points in ecommerce. Tech Stack: C#, ASP.NET Core, Web API, Entity framework, Dapper, Azure (Storage, API Management, Web Apps), CI/CD.

## • Vizir Software Studio

São Paulo, Brazil

Software Developer, Full Stack

Aug 2015 - Jun 2016

- **VCPI:** Bug fixes and new feature developments on existing systems; Tech Stack: Ruby On Rails, Capistrano, ElasticBeanStalk, TDD (RSpec), BDD (Cucumber), MySql, PostgreSQL, JQuery, git, bitbucket, application server (Puma, Unicorn), background processing (Sidekiq, delayed job)
- **ISA CTEEP:** I worked developing a system for the control and management of electrical energy transmission equipment. Tech Stack: .NET, ASP.NET MVC, C#, ADO.NET, Entity Framework, JQuery, Javascript, SQL Server

## • SOFHAR Gestão e Tecnologia S.A

São Paulo, Brazil

.NET Developer

Jun 2014 - Sep 2015

- **SELJ - Secretaria Municipal de Esporte, Lazer e Juventude:** Enhanced system performance and delivered critical features for the São Paulo State Sports Secretariat platform, ensuring the operation of thousands of student sports events under time-critical delivery constraints. Contributed to a public system with high institutional and social impact, responsible for managing all state sports events and their continuous evolution.

## • Confitec Sistemas de Computação

São Paulo, Brazil

.NET Developer Junior

Sep 2013 - Jun 2014

- **Systems Chemical Analysis:** I worked on the development and maintenance of a system for Central Analítica for (Instituto de Química - USP); This system was used by those who intended to carry out experiments with the university's machines. Tech Stack: ASP. NET WebForms, VB.NET, ADO.NET, EF, Telerik

- **Cargo Control System:** Development and maintenance of a load control system for the construction of the Usina Hidrelétrica de Belo Monte

- **FCamara Consulting & Training**

São Paulo, Brazil

*.NET Developer*

*Jul 2013 - Sep 2013*

- **Bematech ERP:** Development and Migration of an ERP developed in Windows Forms to the Web. Tech Stack: ASP.NET MVC, Razor, JQuery, HTML 5.
- **Enterprise Engine Search:** Maintenance of search engine pages in e-commerce portals, performing optimization using Apache Solr a Enterprise Engine Search.

- **Eris Sistemas de Informática**

São Paulo, Brazil

*Junior Software Developer*

*Jan 2012 - Dec 2013*

- **ERP - Enterprise resource planning:** I worked developing the new version, and I could participate in the following modules: Sales, Stock and Financial. Tech Stack: .NET, C#, WinForms, SQL Server, Crystal Reports.
- **.NET Framework:** I was responsible for disseminating knowledge about the .NET platform with C# and OOP, the developers of my team, until then only knew Visual Basic 6.

## PROJECTS

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- **Aprenda GO:** Open source Knowledge center for the Go programming language.

————PROGRAMMING SKILLS————

## PROGRAMMING SKILLS

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- **Languages:** C#, Go, TypeScript/Javascript, Ruby, SQL   **Technologies:** Azure, RabbitMQ, Kafka, Docker, Kubernetes, Redis, .NET Core, .NET 6, .NET Framework, Angular 2+

————CERTIFICATIONS————

## CERTIFICATIONS

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- **List:** Essentials in Generative AI by Microsoft, Microsoft Certified: Azure Developer Associate, Developing Secure Software (LFD121), Introduction to Observability, LFS169: Introduction to GitOps, Advanced Azure Microservices with .NET for Developers, Scrum Foundation Professional Certificate, Docker Professional Certificate