

## Contact

+55 71 99161-8931 (Mobile)  
j.vidalnunes@gmail.com

www.linkedin.com/in/jvidalnunes  
(LinkedIn)  
github.com/JVidalN (Portfolio)  
dev.to/jvidaln (Blog)

## Top Skills

Vuex  
Vue  
Sonarqube

## Languages

Espanhol (Elementary)  
Inglês (Professional Working)

## Certifications

ASP.NET MVC  
Scrum Foundation Professional  
Certificate - SFPC™  
Computer Technician  
Software Architecture Fundamentals

## Publications

Boas Práticas para Frontend com  
React.js  
How ChatGPT helped me build an  
awesome React component  
Do You Know What is TDD?  
O que é Design System e como  
construí-lo  
TDD with .NET Core (xUnit) and  
JavaScript (Jest)

# Jean Nunes

Software Engineer | SFPC™ | .NET | C# | Vue | React | TypeScript |  
Azure | AWS  
Camaçari, Bahia, Brazil

## Summary

Software Engineer with over 13 years of experience delivering high-impact solutions. I've worked across diverse industries, including fintech, energy, and edtech - always focused on performance, scalability, and clean architecture.

Currently supporting US-based teams remotely, contributing to projects with over 13,000 users. I bring deep expertise in backend and frontend development, API architecture, microservices, messaging systems, and observability tools like DataDog.

- Tech Stack: .NET Core 6/7/8, NodeJS, Dapper, EF, Azure DevOps, SQL Server, REST APIs, RabbitMQ, Docker, Vue3, React
- Cloud: Azure (Functions, App Services), AWS (basic), CI/CD
- Practices: Clean Architecture, SOLID, TDD, Unit Testing, Code Reviews
- Soft Skills: remote collaboration, mentoring, autonomy, clear communication

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## Experience

### Dev.Pro

1 year 9 months

#### Software Engineer @ Heartland Payment Systems

February 2025 - Present (6 months)

United States

Working in one of the train teams focusing on delivering new features and production support for one of the company's applications

#### Software Engineer @ Dev.Pro Internal Projects

January 2025 - February 2025 (2 months)

Ukraine

The project focuses on helps to automate processes related to everyday life of Interview Community, such as schedule interviews, notify those involved,

track the steps and display the information to each person involved according to their respective permissions.

Deliveries:

- Update the membership role logic to meet business rules and manage the membership permissions;
- Improvements in the local setup documentation;
- Improvements in the user access logic to consider all roles and scopes;
- New features such as:
  - Add the ability to the user select the user expertise as a chip and dynamically, when click on the chip, shows the level of expertise, filtering the result according with the options;
  - Add a new indicator (chip) on the result when the record meet the criteria.
  - Add a new dashboard page according with the figma prototype, that should be displayed just for specific roles and scopes.

Software Engineer @ Heartland Payment Systems

November 2023 - December 2024 (1 year 2 months)

United States

The project focuses on digitizing sales processes using iPads with a homegrown US sales application that includes light CRM capabilities. This app processes over 50% of annual gross profit and supports approximately 13,000 salespeople, including leadership, in selling payment, payroll, and POS solutions daily. It also includes integrated reporting applications with scoreboards and metrics, significantly boosting sales efficiency and effectiveness.

Deliveries:

- Fixing high and critical issues across a wide range of applications with front-end technologies such as AngularJS, VueJS, and WebForms, and back-end using .NET Framework, .NET Core, and VB.NET.
- Updating vulnerable NuGet and npm packages to fix security vulnerabilities.
- Developing new features to enhance application functionality.
- Improving the performance of Entity Framework queries to optimize system efficiency.
- Including monitoring for RabbitMQ queues and consumers using DataDog.
- Implementing logs and creating monitoring dashboards in DataDog for better observability.
- Writing and maintaining unit tests to ensure code quality and reliability.

- Migrating .NET Core applications to version 8 for improved performance and compatibility.

## K2 Partnering Solutions

10 months

Full Stack Developer @ Tivit/Energisa

September 2023 - November 2023 (3 months)

Brazil

Energisa is a large Brazilian energy company serving millions of customers and the project focused on creating Azure extensions and customize the Azure on-premise for a customized board that tracks the demand since the creation passes through all departments and people involved in the process, keeping all resources and tracking log registered, until its delivery. This flow involves more than 7 departments and all company's projects need to pass through this flow.

Deliveries:

- Developed and implemented extensions for Azure DevOps to enhance frontend functionality and integration
- Created custom API solutions for Azure DevOps, improving backend performance and flexibility
- Provided mentorship and support to junior developers, ensuring effective learning and integration within the team

Full Stack Developer @ Tivit/Heineken

August 2023 - September 2023 (2 months)

Brazil

The project focused on creating a website engine to generate landing pages and promotional campaigns pages automatically. This project impacts all Heineken customers who will be targets of these campaigns generated by this engine. In addition to optimizing the entire creation project in a step-by-step manner.

Deliveries:

- Implemented frontend fixes to improve functionality and user experience
- Developed and integrated new features to enhance the overall interface and responsiveness

Full Stack Developer @ Tivit/Energisa

February 2023 - August 2023 (7 months)

Brazil

Energisa is a large Brazilian energy company serving millions of customers and I worked on several internal projects helping to relieve the pressure on stuck projects and optimizing internal processes, increasing the efficiency of multiple teams that use the applications daily.

Deliveries:

- Applied the Strategy Pattern to address complex issues, improving code flexibility and maintainability
- Implemented frontend fixes and developed new features to enhance user experience and functionality
- Designed and deployed new APIs and web services to support system integration and improve service scalability

## Equals - Gestão Financeira Inteligente

### Senior System Analyst

November 2021 - November 2023 (2 years 1 month)

Brazil

The project focused on maintaining the client and financial portal, responsible for keeping the relationship between the company and clients that manage their company's money received by POS. Furthermore, I optimized internal processes to make the day-to-day life of the teams involved easier. Everything that was done contributed to strengthening customer confidence in the company, in addition to having a positive impact on profits.

Deliveries:

- Created and implemented a test roadmap, integrating unit tests and Test-Driven Development (TDD) into the sprint cycle
- Developed and deployed new features for the funder portal, enhancing user experience and functionality
- Migrated the database layer from Entity Framework to Dapper for improved performance and efficiency
- Refactored APIs and microservices to improve scalability, performance, and maintainability
- Designed and developed new frontend components, ensuring consistency and responsiveness across platforms
- Applied best practices in frontend and backend development to optimize performance, security, and code quality
- Created and refactored database scripts to ensure efficient data management and seamless system integration

- Developed backend solutions for integration with Single Sign-On (SSO) and built ReactJS and AngularJS frontends for PoC validation.
- Provided guidance and support to junior developers, fostering skill development and team cohesion.

## K2 Partnering Solutions

Full Stack Developer @ Sotran

November 2022 - December 2022 (2 months)

Brazil

The project focused on enhancing the customer portal that aimed to streamline operations for truck drivers, enabling them to efficiently organize pick-ups and deliveries of agricultural inputs. The system played a crucial role in digitizing logistics processes, improving efficiency for drivers, and providing transparency for stakeholders in the agribusiness supply chain.

Deliveries:

- Designed and implemented new features in the customer portal to enhance user experience and operational efficiency
- Resolved critical issues in the portal to ensure seamless functionality and reduce downtime for users

## Ânima Educação

8 months

System Analyst

July 2021 - November 2021 (5 months)

Brazil

The project focused on maintaining the management system of the group's universities, optimizing processes, and creating new features requested by users. In addition to participating in the integration of processes and systems of the universities recently acquired by the group. This work impacted 18 universities, impacting thousands of people, including students, teachers and staff.

Deliveries:

- Developed a system to automate the generation and distribution of digital diplomas for graduates
- Streamlined the process, ensuring quick, secure, and error-free issuance of diplomas
- Integrated the solution with existing university systems for seamless operation

## Systems Analyst @ A2S Technology for Education

April 2021 - July 2021 (4 months)

Brazil

A2S Technology for Education is an Edtech company specialized in digital solutions and products for educational management. Born of the Ânima Group, today, it serves 145,000 students from all the Group's Higher Education Institutions and other clients in the market. The project was born at Ânima, but a spinoff (A2S) was created to work solely on it and sell the product to other universities. The project focused on managing the entire process of creating, validating and issuing undergraduate and postgraduate diplomas. It impacts all students at Ânima's 18 universities, in addition to the universities that purchased the product.

### Deliveries:

- Developed and implemented a digital diploma generation system for undergraduate and graduate students
- Automated the creation and distribution of diplomas, improving efficiency and reducing manual errors
- Ensured the system was secure, user-friendly, and aligned with university requirements

## Coelba

7 years 6 months

### Junior Systems Analyst

May 2019 - April 2021 (2 years)

Brazil

Coelba is one of the energy distributors of the Neoenergia group (a company of the Spanish group Iberdrola). Neoenergia is the largest group in the electric sector in Brazil and Latin America in number of customers.

The team was responsible for creating and maintaining systems for the financial sector of all the group's companies (5 throughout Brazil, responsible for energy generation, transmission, distribution, as well as billing)

The project focused on optimizing internal applications. Other projects focus on the digital channels sector, where I optimized SMS service flows, creating the flows, and acting as a PO, bringing together representatives from telephone operators and brokers to acquire and use the numbers. Some

projects focused on optimizing processes to facilitate contact and sending messages to customers.

**Deliveries:**

- Developed new features to improve performance and optimize energy management for the system
- Optimized, centralized, and automated Digital Channels reports, increasing report generation speed by 55% and reducing processing time by over 80%
- Created and automated the monitoring of API service availability to ensure continuous service operation
- Updated customer database from 400K to 6 million phone numbers, improving data accuracy and coverage
- Created and automated the GrowthHack service to identify recent WhatsApp customer contacts and offer digital invoice service enrollment
- Reduced the cost of sending invoices by optimizing delivery methods and resources
- Created, monitored, and delivered service flows via the SMS channel to a contracted partner company

**Assistant I**

June 2015 - April 2019 (3 years 11 months)

Brazil

The project focused on optimized processes, updated business rules in accordance with regulatory entities, creation of entire contract management modules, among others, which had a positive impact on all of the group's clients. I also worked as a customer service representative, understanding the entire process cycle, from telephone service, management via systems and systemic responses. This experience allowed me to optimize processes that served everyone involved in the process, from customer service to the end user.

**Deliveries:**

- Managed projects, led business process modeling, and performed object-oriented system analysis and web development

- Developed and integrated new features to enhance the functionality of the Contract Management System
- Designed and implemented SecSys to manage access permissions and user authorizations
- Developed new features for the Mini and Micro-Distributed Solar Energy Management System to improve performance and energy optimization

#### Trainee

November 2013 - June 2015 (1 year 8 months)

Brazil

The project focused on creating a centralized security system for all projects that we deliver. In addition, there were projects in which we optimized processes, updated business rules in accordance with regulatory entities, which had a positive impact on all of the group's clients.

#### Deliveries:

- Developed and implemented new features to enhance the functionality of the Contract Management System (GCA)
- Worked closely with stakeholders to identify needs and ensure feature alignment with business goals

#### TecnoTRENDS

##### Trainee

February 2012 - November 2013 (1 year 10 months)

Brazil

TechnoTRENDS is a company specialized in educational software. I worked giving support with creating SQL queries, data migration, environment analysis, customer service, training to users and Implementation of the system in the client, in their products: SAGRES Acervo 2, Acervo Web 3, Financeiro, Financeiro Web, Questionário, Questionário Web, Concurso, Carnê e Taurus.

#### Deliveries:

- Conducted system training for faculty and students at BAHIANA and other institutions
- Developed training materials to ensure effective system usage
- Provided technical support and troubleshooting for all applications listed above.

#### Contax

Telemarketing operator

August 2011 - February 2012 (7 months)



## Brazil

Contax is the largest call center company in Brazil. I worked with customer service to non-account clients at Banco Itaú, making agreements regarding debts and instructing customers on the procedures to be carried out until the debt is settled.

### Deliveries:

- My main objective in this experience, which was achieved, was to improve my communication in different situations.

## Consult Júnior

### Treinee

September 2010 - February 2011 (6 months)

## Brazil

Consult Júnior is the Junior company of the Information Systems course at the State University of Bahia.

### Deliveries:

- Developed an accessible, user-friendly website for senior learners (UAT)
- Collaborated with designers and developers to ensure the site met the university's goals
- Conducted user testing to optimize the site's functionality and user experience

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## Education

### UNEB - Universidade do Estado da Bahia

Bachelor's degree, Information Systems · (April 2010 - July 2018)

### Unijorge

Postgraduate Degree, MBA People Management and Leadership · (June 2022 - April 2023)