

# Engr. Juan Marco Fermín

## Semi Senior Backend Developer

### About Me

Backend developer with experience in complex systems and microservices architecture. Proficient in modern frameworks such as NestJS, .NET, and Laravel.

### Education

#### Bachelor of Computer Engineering

Universidad Nacional Experimental de los Llanos Occidentales Ezequiel Zamora

#### High School Diploma in Science

Unidad Educativa Simón Bolívar

### Professional Work Experience

#### Andean Service

05/2024 – Present

Role: Tech Leader / Semi Senior Backend Developer

Tech Stack: Node.js(NestJs), Postgres, Redis, RabbitMQ y Docker.

- lead the migration of the system dedicated to functioning as a Wallet as a Service (WAAS) system to a microservices architecture. I implemented production deployment processes using CI/CD with GitHub Actions and Docker to streamline processes.
- Assigned tasks to team members and make QA.
- Develop the most complex services of the system as well as integrations with third-party services for the creation of wallets using the Beltsys Lab service.

#### Andean Pay Bot

05/2024– 07/2024

Role: Semi Senior Backend Developer

Tech Stack: Node.js(NestJs), Puppeteer, Postgres, Docker.

- Developed and maintained functionality for bank deposits verification.
- Implemented validations to prevent discrepancies in deposits registers and handle duplicate deposits cases.

#### Payment Link

05/2023 – 05/2024

Role: Semi Senior Backend Developer

Tech Stack: Node.js(NestJs), MongoDB, Puppeteer, RabbitMQ, Socket.IO, React, Docker.

- Designed and developed a scalable microservices architecture and a user-friendly interface for managing and executing of bank deposits.
- Implemented web scraping and Socket.IO for real-time communication during deposit process.
- Developed a payment link feature and a reusable web components for any frontend project.

### Contact Me

Jmdnbvsjm@gmail.com

+ 58 0424 5530885

Barinas, Venezuela

<https://juan-fermin-dev.xyz/>

### Languages

Spanish: Native language

English: Conversational (B2)

## Seven Suite Account Receivable Module

12/2022 – 03/2023

Role: Junior Fullstack Developer

Tech Stack: C#(.NET 6), Microsoft SQL Server, Next.js 13.

- Developed submodules of the accounts receivable control system using Clean Architecture and Entity Framework Core as ORM.
- Created the entire functionalities for users, company, workspace, currency, and subscription submodules.
- Supported the frontend team by creating certain graphical interface screens, such as users, currencies, and workspaces.

## Seven Cloud Printing

03/2022 – 04/2022

Role: Junior Fullstack Developer

Tech Stack: C#(.NET 3.1), Microsoft SQL Server, Angular, Windows Forms.

- Developed the UI for client register, terminal management, cloud printing management, error listing, and printing history.
- Collaborated on developing the API that manages information for the desktop application to perform printing tasks.
- Integrated Entity Framework Core as ORM.

## Seven Legacy

03/2021 – 03/2023

Role: Junior Fullstack Developer

Tech Stack: C#(.NET 2.1), Microsoft SQL Server, Javascript, Windows Forms.

- Maintained and fixed bugs in legacy systems primarily using stored procedures in Microsoft SQL Server and JavaScript.
- Improved and integrated custom reports according to client needs.
- Improved the performance of desktop applications that had begun to consume excessive memory over time.

## Freelance Work Experience

### Glousat

04/2024 – 15/2025

Role: Semi Senior Backend Developer

Tech Stack: Node.js(NestJs), Postgres, Docker.

- Continued the migration of an incomplete inventory control, invoicing, and electronic equipment repair scheduling system to NestJS.
- Migrated modules such as authentication, products, clients, purchases, and sales.
- Optimized inventory uploads by allowing files uploads via Excel files.
- Optimized queries and improved system load times.
- Implemented production deployment processes using CI/CD with GitHub Actions and Docker to speed up workflows.