

WILLIAN ALEXANDER CHÁVEZ SERVELLÓN

BACKEND DEVELOPER · ARTIFICIAL INTELLIGENCE & MACHINE LEARNING



CONTACT

Phone +503 7979-2639
Email
williamchavezamayatr@gmail.com
Portfolio
[willian-chavez.netlify.app](#)
LinkedIn [willian-chavez](#)
GitHub [WillianChavez](#)

SKILLS

Languages: Java, JavaScript, TypeScript
Backend: Node.js, NestJS, REST API, Microservices, MVC, Message queues
Frontend: React, HTML, CSS
Databases: PostgreSQL, MongoDB, Redis, SQL, SQL Server
DevOps / Tools: Docker, AWS (EC2, S3, SNS), Git, GitHub, GitLab, NPM, NVM
AI / Data: Machine Learning, data analysis, predictive models
Best practices: Clean Architecture, Clean Code, SCRUM
Analysis: Systems analysis and design

EDUCATION

B.Sc. in Computer Systems Engineering
University of El Salvador · 2021 – 2026
Machine Learning Specialization
University of El Salvador · Jan – Dec 2026
English (Second language)
Junior Achievement El Salvador · 2020 – 2021

LANGUAGES

Spanish — Native
English — B2

REFERENCES

Brian González
Team Leader
Secretariat of Innovation of the Presidency of El Salvador
+503 6076 4215

PROFESSIONAL SUMMARY

Software engineer with 3 years of experience building scalable backend solutions and, more recently, digital products powered by Artificial Intelligence and Machine Learning. Specialized in Node.js, NestJS and clean architectures, with a proven track record of increasing operational efficiency and improving user experience. Focused on turning client needs into intuitive, reliable, high-quality systems, with a constant commitment to continuous improvement and innovation.

WORK EXPERIENCE

Software Engineer

Addalitica · Oct 2024 – Present · Remote · Full-time

- Develop web services for financial solutions powered by Artificial Intelligence and Machine Learning.
- Design and build interfaces and APIs consumed as a functional digital product across financial-sector entities.
- Built AddaShield, an explainable fraud-risk scoring API (geospatial ML features, SHAP explanations, audit trail) with FastAPI and PostGIS, using AWS services (EC2, S3, SNS).
- Build Machine Learning models and perform data analysis for financial predictions.
- Manage and integrate systems in production environments.

Programmer Analyst

Secretariat of Innovation of the Presidency of El Salvador · Mar 2023 – Oct 2024

- Built a solid-waste tracking and control system with Node.js, TypeScript, NestJS, Docker, MongoDB, message queues and Redis, increasing operational efficiency by 30%.
- Implemented a national human-resources system with React and NestJS, optimizing HR processes by 40%.
- Created an accessible system for CONAIPD, improving the experience for people with disabilities by 50%.

Software Developer

Freelance · Aug 2022 – Mar 2023

- Designed a web system for a pharmacy with Node.js and TypeScript under an MVC architecture, improving customer interaction and order processing by 35%.
- Built an inventory-management and stock-control system with React, Node.js and PostgreSQL, reducing stock discrepancies by 25%.
- Implemented a point-of-sale (POS) system, increasing transaction speed and reliability by 20%.

FEATURED PROJECTS

AI-powered fintech platform — Addalitica

Services and APIs for AI/ML-based financial products consumed by sector entities.

Node.js · NestJS · Machine Learning · REST API

AddaShield — explainable fraud-risk API — Addalitica

Fraud-risk scoring for financial institutions with geospatial ML features, SHAP explanations and a full audit trail.

FastAPI · Machine Learning · PostGIS · AWS (EC2, S3, SNS)

National solid-waste control system — Secretariat of Innovation

Tracking platform that raised operational efficiency by 30%.

Node.js · NestJS · MongoDB · Docker