

# DAVID MUÑOZ CRUZ

## FULL-STACK DEVELOPER

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### PROFILE

Qualified Full-Stack Developer with experience in modern frontend and backend technologies. Specialized in microservices architectures, AI tool integration, and e-commerce solutions. Strong problem-solving abilities and proposal of new technologies to improve development efficiency. Strong teamwork orientation complemented by excellent self-management skills. Experienced in implementing AI tools, process automation, and user experience optimization. Continuous learning, constantly expanding knowledge through innovative projects and emerging technologies.

### EDUCATION

#### IT ENGINEERING

Polytechnic University of Tlaxcala  
2018 - 2022

### SKILLS

#### BACKEND

NestJS - TypeScript: **Advanced**  
Node.js - JavaScript: **Advanced**  
Laravel - PHP: **Advanced**  
Python - Flask: **Intermediate**  
Rust: **Intermediate**  
C# - .NET: **Intermediate**

#### FRONTEND

Angular: **Advanced**  
NextJS - React: **Advanced**  
TypeScript: **Advanced**  
Blade | Laravel Mix: **Advanced**  
CSS | SCSS: **Advanced**

#### DATABASES

PostgreSQL (pgvector): **Advanced**  
MongoDB Atlas: **Advanced**  
Sql Server, MySQL, Redis: **Intermediate**  
Sqlite (local cache): **Intermediate**

#### E-COMMERCE & CMS

Shopify Dev, Admin & Liquid: **Intermediate**

#### AI & MACHINE LEARNING

Claude AI, Gemini, LangGraph: **Intermediate**  
Copilot, Copilot Azure Agents: **Intermediate**

#### CLOUD & DEVOPS

AWS Services, CI/CD: **Intermediate**  
Docker: **Advanced**  
Git: **Advanced**  
Azure DevOps: **Intermediate**  
GCP: **Basic**

#### MOBILE

Kotlin, Jetpack Compose: **Intermediate**

### LANGUAGES

Spanish: **Native**  
English: **Intermediate**

### EXPERIENCE

#### FULL-STACK DEVELOPER

**mobiik** | September 2025 - Present

At mobiik, my primary role is frontend development with Angular, complemented by full-stack development using microservices architectures in .NET and Azure. I develop REST APIs with Azure Functions and Azure App Services, integrate specialized AI agents, and implement solutions with Azure SQL Server and Entity Framework Core. I develop unit tests for .NET and SQL Server components, and work collaboratively with Azure DevOps and agile methodologies.

- Development of microservices in .NET 8 with Azure Functions and App Services.
- Integration of specialized AI agents into enterprise solutions.
- Implementation with Azure SQL Server and Entity Framework Core.
- Development of unit tests for .NET and SQL Server components.
- Collaborative work with Azure DevOps and agile methodologies.
- Performance optimization and scalability of Angular web applications.

Technologies: .NET 8 | Azure Functions | Azure App Services | Azure SQL Server | Entity Framework Core | Azure DevOps | Microservices | AI | Angular | TypeScript | Docker

#### FULL-STACK DEVELOPER

**The Rocket Code** | March 2025 - September 2025

At The Rocket Code, I specialized in the development of modern web applications, AI tool integrations, and scalable e-commerce solutions. I worked on projects requiring complex architectures and integration of multiple services.

- Implementation of tools using Claude AI, Gemini, and LangGraph.
- API development with NestJS and microservices architectures.
- Interface creation with NextJS, React, and Angular v18/v19.
- Specialization in Shopify development and administration.
- Application development for the insurance and fintech sectors.

Technologies: NestJS | NextJS | React | Angular | TypeScript | LangGraph | Claude AI | Gemini | PostgreSQL (pgvector) | MongoDB Atlas | Shopify | Docker | AWS | Rust | Python

#### BACKEND DEVELOPER

**BLIFE** | September 2024 - March 2025

Specialized in backend development with microservices architecture, applying Clean Code, SOLID, and Clean Architecture principles. Responsible for building scalable solutions and digital signature systems.

- Development and management of microservices in NestJS with NATS and GraphQL.
- Development of Blife-e-Signature with Flask and Python.
- Implementation of CI/CD with GitHub Actions and deployment on AWS.

Technologies: NestJS | GraphQL | MongoDB | NATS | Angular (components) | Flask | Python | AWS | Docker | GitHub Actions

#### FULL-STACK DEVELOPER

**MIDOCONLINE** | April 2024 - September 2024

Led the complete backend refactoring, migrating from Laravel 8 to Laravel 11, optimizing its architecture and significantly improving performance.

Technologies: Laravel 11 | MySQL | PostgreSQL | Angular (internal ERPs) | React (public interfaces) | Blade | Docker | AWS

#### FULL-STACK DEVELOPER

**SKYTEX** | January 2022 - April 2024

Development of web and mobile applications for optimizing textile production processes, leading industrial digitalization projects.

- Development of internal ERP (Skynet 2.0) and billing portal (SkyInvoiceHub).
- Migration of logistics app to Kotlin with Jetpack Compose and MVVM.
- Implementation of access control with WebSockets and Dockerization of apps.

Technologies: Angular v15/v17 | Laravel | Node.js | Kotlin | Jetpack Compose | Docker | Ubuntu | Pusher | WebSockets

