

Diego Jiménez Méndez

Full-Stack .NET Developer | Fiber Optic Technician

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Professional Summary

Engineer in Computational Systems; Bilingual Software Developer and Fiber Optics Technician with experience in both software engineering and fieldwork. Skilled in building modern applications using C#, Python, Java, and Windows-based development with WPF, WinForms, .NET Core and .NET Framework, and current web technologies like React, Tailwind CSS, and Next.js. Specialized in software development in the Windows platform. Has fluency in Java, JavaFX, and Spring Boot, should need arise.

Formal education covered database handling with MySQL, XAMPP and PHP; mainly specialized in PostgreSQL. Currently developing applications for server-hosting. Has also built websites using HTML, CSS, and modern JavaScript.

Hands-on expertise in fiber optics installation, structured networking, and electronics automation.

Professional Experience

Fiber Optic Technician – Offilex (San Marcos, Estado De México)

2024 – 2025

- Installed and terminated fiber optic lines across residential and commercial routes.
- Mounted wireless antennae and GPS units on rooftops and vehicles with proper safety gear.
- Crimped and spliced UTP (RJ45) and copper cables to repair and reinforce networks.

Full-Stack Developer – Personal Project (OrchestraMC - github.com/MortalSecond/OrchestraMC)

2025

- Designed and built a multi-host server automation tool using C#, WPF, .NET Core 9.0, and Java. I currently maintain its code on GitHub using Git.
- Automated server setup with data extraction from Ngrok API, Playit.gg CLI, and Apify IPs.
- Developed a user-friendly interface with modular architecture, async/await asynchronous operation, LINQ, and RESTful management with JSON.

Education

Bachelor of Computational Systems Engineering

Universidad Privada del Estado de México (UPEM) – Graduated in 2023

- Graduated with honors, recognized as the highest-performing student in the history of the Systems Engineering program.

Technical Skills

- C#, Python, Java
- HTML/CSS/JavaScript/PHP
- WPF, .NET Core, .NET Framework
- Tailwind CSS, REACT, Node.js
- Fiber optic installation, UTP and RJ45 crimping, structured cabling, wireless routers, server installation
- Electronics installation, Arduino, GPS units, low voltage copper repair, and automation

Languages

- **Spanish:** Native
- **English:** Fluent (C1)