

Diego Jiménez Méndez

Software Developer | Fiber Optic Technician

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GitHub: github.com/MortalSecond

Professional Summary

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 Node.js. Hands-on expertise in fiber optics installation, structured networking, and electronics automation. Recognized for academic excellence, graduating top of university honors in Computational Systems Engineering.

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.
- Automated server setup with data extraction from Ngrok API, Playit.gg CLI, and Apify IPs.
- Developed a user-friendly interface with modular architecture and scalability.

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)