

Fabricio Meneses Avila

📍 Zempoala, Hgo., Mexico ✉ fmenesesavila1@gmail.com ☎ +52 771 431 5837

🔗 fabmeneses-portfolio.vercel.app

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Profile

Software Engineer specializing in Frontend Development and UI/UX Design, with a solid foundation in Backend systems. I bridge the gap between aesthetic design and technical implementation, creating high-performance web applications using Angular and Tailwind CSS. My experience as a Lead Designer and Full-Stack Developer allows me to build intuitive user interfaces while maintaining a deep understanding of RESTful APIs, SQL databases, and server-side logic. I am passionate about crafting seamless user experiences through clean code, responsive design, and efficient system architecture.

Education

B.S. Universidad Politécnica de Pachuca, Software Engineering – Pachuca, Hgo., Mexico Sep 2022 – Jun 2025

Certifications

EF SET English Certificate – Online

Apr 2025

B2 Upper Intermediate — Score 58/100

• [View certificate](#)

Experience

Full Stack Developer, Fundación AXiO – Pachuca, Hgo., Mexico

Jan 2024 – present

Administrative management platform with an integrated app for courses and learning.

- Developed news panel and corporate blog
- Implemented interconnected notification system between modules
- Integrated multiplatform applications (web + mobile)
- Developed REST APIs and managed databases
- Executed general redesign and migration to a multiplatform website

Co-Founder, Lead Developer & Lead Designer, FALCodeX – Zempoala, Hgo., Mexico

Jan 2024 – present

Software development startup specialized in full-stack web/mobile solutions, SaaS platforms, and UI/UX design.

- Co-founder and technical/design lead of the startup
- Designed and built [EveryMed](#) — a complete medical management platform developed from scratch
- Core focus: Web/mobile apps (PWA/Android), SaaS, UI/UX design systems, REST APIs, and clean architectures

Projects

EveryMed Admin

Jan 2024 – present

Progressive Web App (PWA) for medical management developed with Angular. Comprehensive platform for clinic administration, medical records, and appointments.

- Authentication and role-based access control system
- Medical records compliant with NOM-024-SSA3 standards
- Real-time appointment management and notifications

- Pharmacy module and medical plans with subscriptions
- Customizable profiles and analytical dashboard
- Finance module, billing, and online payments integrated with Stripe
- Stack: Angular, TypeScript, Tailwind CSS, Capacitor, PWA

EveryMed API

Jan 2024 – present

Robust REST API developed with .NET 9 following Clean Architecture. Medical management services with JWT authentication.

- Designed under Clean Architecture and SOLID principles
- JWT authentication and role management
- Integration of email services (MailKit) and real-time notifications
- Stack: .NET 9, ASP.NET Core, Entity Framework Core, SQL Server, JWT

EveryMed Landing Page

2024

Modern and responsive landing page for EveryMed featuring smooth animations and engaging design.

- Stack: HTML5, CSS3, JavaScript — fully responsive

Fundación AXiO Platform

Jan 2024 – present

Organizational management platform with an app for courses and learning. Complete system featuring a news panel, corporate blog, and interconnected notifications.

- Stack: Full Stack, REST API, Blog CMS, multiplatform

Skills

Frontend: Angular, TypeScript, Tailwind CSS, HTML5, CSS3, PWA

Backend: .NET 9, ASP.NET Core, REST API, SQL Server, Entity Framework Core, JWT

Mobile: Capacitor, Android, PWA

Tools: Git, GitHub, VS Code, Visual Studio, Rider, Postman, Insomnia, Figma, GitHub Copilot

Cloud: Azure, Vercel

Languages: Spanish (Native), English B2 Upper Intermediate (EF SET)

Additional Activities

- Music Production & Instruments (Hobby): DAW experience (Fender Studio Pro), electric/acoustic guitar (intermediate), MIDI keyboard, electric bass, electronic sound design
- Hardware & Technology: PC assembly and maintenance, basic electronics, Arduino microcontrollers
- General IT: TCP/IP networking, home/business network configuration, VPNs, IIS/Nginx, WSL2, virtualization with VirtualBox/Hyper-V