

# Jesús Emmanuel López Guerrero

Full-Stack Developer | Frontend Developer | JavaScript/TypeScript | React | Node.js | Python

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## PROFESSIONAL SUMMARY

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Full-stack application developer with 4 years of experience building web applications with JavaScript/TypeScript, Python, PHP, Node.js, React, and SQL (MySQL). Experienced in backend development, REST APIs, SSO, database-driven features, major application migrations, configurable platforms, and production support. Additional exposure to data analysis with Python dashboards and AI integrations using LLM APIs.

## CORE SKILLS

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**Languages:** JavaScript, TypeScript, Python, PHP, SQL, HTML, CSS

**Frontend:** React, Next.js, Astro, Redux, Zustand, Tailwind CSS, Zod

**Backend:** Node.js, PHP (Symfony/Laravel), Python (Django), REST APIs, SSO, local-deployment systems

**Data/BI:** MySQL, PostgreSQL, MongoDB, Excel (PivotTables/Power Query), Pandas, NumPy, Jupyter

**Other:** LLM APIs, Docker, GitHub Actions, Jest, PyTest, AWS (basic), Git/GitHub, Scrum, n8n, MCP

## PROFESSIONAL EXPERIENCE

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**Vierge Group Backend Developer** | February 2026 - Present

- Contributed to backend development for a locally installed point-of-sale (POS) system.
- Helped support local installation requirements and backend workflows for in-store sales operations.
- Contributed in the design of the application (Frontend)

**PSL Group Junior Application Developer** | Jun 2022 – February 2026

- Built a domain-based SSO feature that allows B2B clients to access the platform through their own domain.
- Supported a full application migration to a newer major version; resolved compatibility issues and stabilized production builds.
- Implemented a configuration framework using settings and feature flags to make site behavior configurable and reduce recurring code changes.
- Redesigned premium-account provisioning by updating database tables and roles, replacing a cron-based flow with a database-driven process.
- Created Python dashboards and prototyped an LLM-API-based chat experience to explore data analysis and AI-assisted workflows.

**PSL Group Application Developer Intern** | Jan 2022 - Jun 2022

- Delivered full-stack enhancements and bug fixes across application features, database updates, and API integrations.
- Practiced Git workflows, code reviews, and Agile/Scrum collaboration in a production software environment.

## COMMUNITY & LEADERSHIP

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**GDG Atizapán Community Contributor / Organizer** | Jun 2023 - Present

- Co-organize developer meetups and share educational content on web development and software engineering.

## EDUCATION

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**Universidad Autónoma del Estado de México B.Eng. Computer Engineering** | 2017 - 2022 | Professional License: 14866452

**Platzi Web Development** | 2020 - Present

## LANGUAGES

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Spanish (Native); English (Conversational)

## Hobbies

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- Listening to Music (Classic Rock)
- Playing video games
- Working out