Iván López Villegas

SOFTWARE ENGINEER III

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PROFESSIONAL SUMMARY

Software Engineer with **8+ years** of experience in full-stack development, database architecture, and CI/CD automation. De facto technical go-to: informal team mentor, production-outage escalation point, and Scrum Master, alongside developer duties, for a newly established team, collaborating with teams across four countries — Mexico, India, the US, and China.

WORK EXPERIENCE

Software Engineer II

FEB 2022 — SEP 2026

Solera · Mexico City

- Drove index synchronization end-to-end across ~120 databases and ~3,200 CRM customers — owning planning, scope, and most of the implementation — while directing my team on select tickets (defining requirements and test criteria) and resolving issues to deliver on schedule.
- Informal technical mentor for the team and go-to source of knowledge on system modules and components, resolving workflow questions and diagnosing outages — from a generic error to root cause.
- First software engineer hired in Mexico for the CRM team (originally based in India); after rotating through Mobile Development (US), founded the local team and defined its processes — working agreements and agile ceremonies, combining the developer and Scrum Master roles (formally trained).
- Collaborated on SQL Server migrations and VM configuration, modernizing legacy services onto current stacks.
- Orchestrated a ticket-to-PR workflow with minimal human intervention: GitHub Copilot (Agent mode) for code and test coverage, GitHub Actions for pre-merge validation — from autocompleting to orchestrating AI in the pipeline.

`Stack: C# .NET, SQL Server, ELK, React JS, Angular JS, TypeScript, Docker, Jenkins, TeamCity, Octopus, GitHub, Bitbucket, GitHub Actions, Jira.`

Jr. Software Developer

DEC 2020 — FEB 2022

GoNet · Mexico City

- Identified the need and led end-to-end an employee ID badge process compliant with new Mexican labor regulations: vendor sourcing, workflow design, and ERP integration — from $29 to $13 MXN per badge (~55% savings).
- Designed and built, in collaboration with my team, an ERP from scratch in ASP.NET 5 (EF Core + PostgreSQL) that replaced the legacy system, applying architectural patterns for maintainability and scalability.
- Automated the pre-payroll process with Excel VBA and regular expressions, achieving 99% data cleanliness.
- Replaced a manual report-generation process with a C# automation that produces the final Excel files directly, eliminating repetitive work.

`Stack: C# .NET, LINQ, Blazor, PostgreSQL, VBA.`

Jr. Software Developer

DEC 2018 — DEC 2019

MW Software · Mexico City

- Migrated WINSIAF from Visual FoxPro to a web-based PHP environment, eliminating dependency on unsupported legacy technology and reducing operational risk for the business.
- Rebuilt the client's homepage using Bootstrap 4 and Django.

`Stack: PHP, Python, Django, JavaScript, SQL Server.`

Web Developer — Internship

AUG 2018 — DEC 2018

LATBC Design · Mexico City

Contributed end-to-end to Surfncasas — architecture, development in Laravel 5.8, and production deployment — with version control in BitBucket.

`Stack: PHP, Laravel, Bitbucket, MySQL.`

Earlier experience (2016–2020): Apeyron Informática, Jr. Software Developer (Android, PHP) · Buró de Crédito, Junior Database Administrator (Bash, Informix).

STACK

C# .NET, LINQ, SQL Server, PostgreSQL, TypeScript, React, Angular, Docker, CI/CD, ELK, PHP, Python, Claude, ChatGPT, Gemini.

LEADERSHIP

Technical Mentorship · Scrum Master · Agile Process Design · Cross-border Collaboration · Production Incident Resolution.

EDUCATION

Bachelor's in Computer Systems Engineering
Universidad del Valle de México

PROFESSIONAL DEVELOPMENT

Scrum Master Training	2023
Git & GitHub	2021
CCNA Certification	2018

LANGUAGES

Spanish — Native
English — C1
French — A1