

HUMBERTO LOPEZ

Fullstack Developer — Java · Spring Boot · Angular · React

238-187-1104 | humelops@gmail.com | portafolio-humberto-lopez.pages.dev | linkedin.com/in/humberto-lopez24 | github.com/HumeLop

PROFILE

Software Development Engineer with experience in the automotive industry, where I maintained and developed monitoring systems, operations management, REST APIs and web applications in production for Audi México. Specialized in Java (Spring Boot), TypeScript, Angular, React and Python, I build from the database layer to the frontend, with a focus on solutions that actually hold up in production. I am looking for a Frontend, Backend or Fullstack role where I can keep optimizing business processes with quality code.

SKILLS

- Frontend: Angular, Vue, React, TypeScript, JavaScript, HTML, CSS
- Backend: Java (Spring Boot), Node.js/Express, LoopBack, PHP (Laravel), Oracle APEX
- Databases: Oracle, SQL Server, PostgreSQL, MariaDB, MongoDB, Firebase
- Reporting: Jasper Reports
- Mobile Development: Ionic
- Version Control: Git, GitLab, GitHub
- Methodologies: Scrum / Agile development

EXPERIENCE

Fullstack Developer

Stefanini México · October 2022 – Present

Project: Audi México (October 2022 – July 2026)

- Participated in the development of the "**Emergency Concept**" for the LLA application (Angular 8, Java 8 + Spring Boot, SQL Server): a material delivery process at assembly points that keeps van production running when the connection with Germany is lost, preventing plant shutdown.
- Contributed to a new section of **Audi's employee evaluation platform**: modified existing screens on the frontend (Vue) and implemented the new endpoints required in the API (LoopBack) to support that section..
- Maintained and supported 9 production applications in the automotive industry, across different stacks (Vue + LoopBack, Angular 18 + Express.js, and several in Oracle APEX), ensuring availability on production and office networks.
- Handled and resolved incidents, ensuring the operational continuity of the different production environments for assigned systems, documenting each case through the **SC3** platform.
- Coordinated and executed release and hotfix events, following up on their deployment and documentation in production environments. Coordinated and executed release and hotfix events, following up on their deployment and documentation in production environments.
- Created and updated reports with **Jasper Reports** for integration into Oracle APEX applications, handled via tickets.
- Proposed and led, on my own initiative, a full rebuild of **Online Monitoring** (an outdated previous version), migrating it solo to a newer Angular version (v18 at the time) with a refreshed interface; used the migration as an opportunity to design and implement bulk cancellation of work orders (OTs) and search text highlighting, improving both the visual experience and the time users spent on previously repetitive tasks.
- Developed new features and fixed bugs in assigned applications as requested by the client.

- Wrote SQL queries and reports to track client progress.

Backend Developer

Teksi Technology Consultants · January 2022 – April 2022

- Developed a new feature for a REST API built with Spring Boot.
- Implemented API integration on the frontend side.
- Generated periodic progress reports to track the project with the client.

Fullstack Developer — TMAC

TMAC Corporativo · May 2020 – September 2020

- Completed the missing development of a corporate site and made it production-ready.
- Installed and configured a CentOS 7 server from scratch (domain and subdomains) and deployed the site independently — still running today.

PROJECTS

Personal portfolio

Astro · Tailwind CSS v4 · TypeScript — portafolio-humberto-lopez.pages.dev

- Built my personal portfolio with a pixel art / RPG aesthetic, bilingual (ES/EN) using Astro's i18n routing, with full SEO (sitemap, OG, hreflang) and content structured in content collections.
- Optimized performance with self-hosted fonts instead of Google CDN, inlined CSS and font preloading, achieving a measurable PageSpeed improvement.
- Applied accessibility: WCAG AA contrast, keyboard navigation, `prefers-reduced-motion` and descriptive labels.

AcGym — Gym Management System

Angular 22 · PWA — github.com/HumeLop/acgym

- Built a complete SPA/PWA for gym administration: members, payments, memberships and differentiated roles (admin/receptionist).
- Implemented JWT authentication, including rate limiting and token cloning detection.
- Built the frontend with a zoneless architecture based on Angular 22 signals (httpResource, linkedSignal) and modular design per feature with lazy loading.
- Backend in Django REST Framework, containerized with Docker (multi-stage Alpine images with vulnerability scanning).

EDUCATION

Software Development & Management Engineering

Universidad Tecnológica de Tehuacán · 2020–2022

Associate Degree in Multiplatform Software Development

Universidad Tecnológica de Tehuacán · 2018–2020

CERTIFICATIONS

LinkedIn Learning

- Essential Spring Boot
- Essential Java
- Essential JavaScript
- Essential React
- Essential Microfrontend Architecture

- Introduction to AWS: Core Services
- NodeJS: RestServer with Clean Architecture
- Learn SQL Programming
- Master JavaScript
- Introduction to Professional Skills in Software Development
- Introduction to Java SE
- Active Listening
- Communicating with Emotional Intelligence
- Decision Making in High-Stress Situations

Cisco

- IoT Fundamentals: Connecting Things
- NDG Linux Essentials