

Miguel Angel **López Hernández**

## About

Experienced, proactive,  
problem solver, team  
player, but above all,  
continuous and  
passionate learner of  
emerging  
technologies...and life.

## Contact

📍 México

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## Languages

Spanish (native)  
English

# Programming

Python, PHP, C, Perl,  
Java, JavaScript,  
TypeScript, R, C#, Dart,  
Go, Rust, Shell  
Scripting (bash, zsh),  
HTML, CSS,  $\text{\LaTeX}$




## Interests

Security, and I'm currently very interested and involved in **Machine Learning and Data Science** and its application in various fields.

*"Maybe I don't know it yet, but you can be sure, I'll learn it."*

## Experience

Since 2019 **Senior Free & Open Source Software Architect** Softtek - Digital Architecture  
Design and implementation of IT Architectures for resources optimization, security and migration to the Cloud in the financial, health, automotive, courier/parcel and logistics sectors, among others.

Since 1997 **Managing Director** GULEV Free & Open Source Software/Hardware AC  
I organized the first-ever Free Software conference in Mexico, the GULEV Congreso GNU/Linux 2001  and all those that followed  Member of the GNOME Foundation and the GNOME Project  for many years and a pioneer in the use and development of Free and Open Source Software in Mexico.

Since 1992 Senior Software Architect/Developer/CTO LG Internet Solutions

I have been developing projects for more than 28 years, *particularly with Free & Open Source Software for the last 26 years*. I created a Linux distribution (LGIS GNU/Linux ) which included the latest security updates released by RedHat and the Ximian Desktop  with the support of Nat Friedman  (Currently CEO at GitHub). I have also developed solutions with **Free & Open Source Hardware**.

## Technical skills

## Cloud/DevOps/Virtualization

AWS, Azure, GCP, Docker, Kubernetes, Terraform, Rancher, Proxmox, Ansible, Jenkins, Git, Fluentd, Prometheus, Grafana...

# Operating Systems

Linux (Debian/RedHat/ArchLinux & derivatives), BSD (FreeBSD, OpenBSD), macOS, windows.

## DBMS

PostgreSQL, MySQL/MariaDB, SQL Server, Sybase, Oracle, NoSQL (MongoDB/CouchDB/CouchBase).

## Mobile Development (Native/Hybrid)

Kotlin, Flutter, React Native, Java, Swift, Ionic, PhoneGap, Apache Cordova.

## API Dev/A&amp;A

REST, GraphQL, JWT, Oauth, Keycloak, WSO2.

## Misc

Node.js, Django, Flask, Sencha Ext JS, Angular, React, Vue.js, PHP Frameworks, Drupal, Odoo, TensorFlow, Pandas, OpenCV, Asterisk & Derivatives.

## Education

2020-Present	Bachelor's of Applied Technology	Brigham Young University - Idaho
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2019-2020 PathwayConnect Certificate BYU-Pathway Worldwide

1990-1994	Bachelor's of Computer Science	Universidad Veracruzana
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