Miguel Angel López Hernández

Free and Open Source Software/Hardware enthusiast, advocate and developer

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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🟢/📞 Please ask ↗

Languages

Spanish (native)
English

Programming

Python, PHP, C, Perl, Java, JavaScript, TypeScript, R, C#, Dart, Go, Rust, Shell Scripting (bash, zsh), HTML, CSS, 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 optimization of resources 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 **Software 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

AWS, Azure, GCP, Docker/Podman, 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&A

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

Various

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

Education

2018-Present **Bachelor's of Applied Technology** BYU Idaho - BYU Pathway Worldwide

1990-1994 **Bachelor's of Computer Science** Universidad Veracruzana