

Luis Miguel García

(+34) 693 76 04 35 / ktecho@ktecho.com

ktecho.com



WORK EXPERIENCE

2022 – 2024 – Senior Software Developer at Plebeian Market

Migrating the most used marketplace in the Bitcoin space to Nostr (nip-15 / NostrMarket) and adding other features like the Shopping Cart, Lightning payments or Private Messages.

Stack: Svelte + TailwindCSS + Python + PostgreSQL + Nostr.

2020 - 2022 – Senior Software Engineer at LeanXcale

- Developed cloud-based SaaS application, automating the deployment to the cloud, using integrations with third-party services: AWS (EC2, S3, Route53, IAM), Stripe, Prometheus / Alertmanager, MailChimp, Zendesk
- Implemented infrastructure-as-code using Packer and Terraform
- Established CI/CD pipelines with GitLab
- Created product documentation portal using Antora
- Developed the “Public Cloud API”

2008 - 2019 – Founder of IT consulting firm Ktecho

- Led all business operations including finance, HR, and sales
- Managed team of up to 4 employees
- Executed diverse technical projects:
 - **2008 - 2014: Product Owner / Scrum Master at National Bank of Spain**
Led 6-person team developing and maintaining DevOps platform for infrastructure management, software delivery automation, and code quality analysis:
 - Managed product backlog and prioritized tasks
 - Facilitated Scrum events (Sprint Planning, Daily Scrum, Sprint Review)
 - Created delivery roadmaps with stakeholders
 - Ensured SLA compliance
 - **2014 - 2017: Founder / CTO at Aalquilar.es**, rental tenants startup
 - Developed web app (WordPress, PHP 7, MySQL) and mobile apps (native WebViews)
 - Managed marketing campaigns and A/B testing
 - Set up infrastructure (Ubuntu VM on Proxmox)
 - Implemented web scraping for real estate listings (PhantomJS)
 - Conducted customer and partner interviews
 - **2010 - 2019:** Creation and maintenance of virtual machines and containers on a dedicated Proxmox server to serve both customers and internal projects
 - **2011:** Adaptation to the customer's functional requirements of the open-source software Xibo (Digital Signage) for deployment in Caprabo supermarkets
 - **2012:** Founder of social startup Voty: an app to launch questions to your network of contacts and collect the answers and comments about them (Appcelerator Titanium for the apps, and PHP + MySQL in the backend)
 - **2013:** Creation of 5 e-commerce stores as Amazon affiliates, including navigation optimization with Google Analytics, creation of campaigns in Google AdWords and A/B tests
 - **2014:** .NET / Oracle integration for PL / SQL to COM gateway for Blinker / TNT Express
 - **2017:** IoT research work with Clarive Software, deploying software to a Samsung smartwatch, a Raspberry Pi and controlling a Roomba vacuum cleaner
 - **2018:** Integration of Bluetooth heart rate monitors with a web app using Web Bluetooth API for Fitnatura

- **2018 - 2019:** Design and development of issue management system (PHP + MySQL) for real estate developer Activitas
- **2018 - 2019:** Software development with Laravel + Vue.js for Casalogic
- **2018 - 2019:** Technical advisor to electric car chargers' company CargaCoches.com

2007 - 2008 – Team Leader at HP / Telefónica

Lead of the New Services Administration Tool team, researching about managing all the “New Services” from a centralized point.

2006 - 2007 – Analyst / J2EE Developer at HP / Telefónica

Telefónica Video Supervisión is a video surveillance system using IP cameras.

Stack: Java, JNI, JBoss / WebLogic, ServiceGuard, HP StorageWorks, StorNext, Helix video streaming

2005 – Software / Hardware Technician at SIPEC / Caprabo

Executed time-critical server and client migrations from MS-DOS to Linux (RHEL) for a food distribution company.

2004 - 2005 – Developer at ANELI

CMS development for ANELI (oil sector company) web portal using PHP and MySQL.

2004 – Hosting Architect at Costa Norte Telecom S.L. (Bilbao)

Building and managing a hosting server (Gentoo Linux) using commodity hardware for a newly created company.

1996 - 2003 – IT Manager at Tele-Max Guardo S.L.

- Developed Commercial Management software (Clipper)
- Implemented and managed Windows 98/NT LAN
- Assembled, repaired, and set up PCs for retail

EDUCATION

- Currently: Creating [Resurrection Wallet](#), a desktop frontend for phoenixd made with Svelte and Rust
- Currently: “**Bitcoin Script** (make your first bitcoin smart contract)” by SuperTestnet
- 2024 - “**Bitcoin Developer Basics 01: Transactions, Scripts + SegWit**” by base58
- 2022 - Chaincode Labs Online **Bitcoin** Seminar
- 2021 - Blockchain Developer Bootcamp from Consensys Academy
- 2018 - Course “Building blocks of **Express.js**”
- 2003 - **Specialist in Programmed Microelectronics Applications** at Deusto University.
- 2003 - **Computer Engineering** at Deusto University.

ADDITIONAL INFORMATION

- Contributing to open-source Bitcoin projects like Raspibltz, Zeus, Polar, mempool.space, or BitKit.
- In the past, also contributing to other open-source projects like KDE (bug reporting), aMSN, and the Linux kernel (creating a patch for a device driver).
- Native **Spanish** with a high level of **English**.