

CURRICULUM VITAE

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Location: Spain

portfolio.kartones.net / linkedin.com/in/kartones

WORK EXPERIENCE

Senior Software Engineer **Worklytics** Jun 2020 - Currently

Spain (remote position)

- Data connectors: GChat, GMeet, MS OneDrive, MS Teams, Zoom
- Connector improvements: Cisco Jabber, Confluence, GDrive, Jira
- Metrics and aggregates

Java BigQuery Google Cloud Platform

Principal Software Engineer **Eventbrite** Mar 2017 - May 2020

Madrid, Spain

- High-load checkout service backend to handle spikes
- Improved developer experience: component rewrites, Python 3 migrations, containerization, CI workflows
- New checkout application: replaced all existing checkouts
- Purchase flows backend services ownership: monitoring, improved reliability, reduced errors/noise 1000x
- MVP of internal services contract testing tool
- Joined ticketea, acquired by Eventbrite early 2018

Python MySQL Amazon Web Services Google Cloud Platform

Technical Lead **TheMotion** 2015 - 2017

Madrid, Spain

- Led 3 people full-stack team: web application, public API, mailing & notifications, user accounts, video distribution
- Achieved a high-scalability microservices SaaS platform (~200,000 videos/hour)
- First response on-call engineer

Python PostgreSQL Amazon Web Services

Senior Software Engineer **Carto** 2014 - 2015

Madrid, Spain

- Scalability rewrites and optimizations (e.g. multi-GB files support)
- Data import: ArcGIS, Box, Dropbox, GDrive, GeoTIFF, Twitter
- User groups/companies, enterprise LDAP connector

Ruby on Rails PostgreSQL PostGIS

Senior Software Engineer **Minijuegos** 2013

Madrid, Spain

- Frontend and Backend development: code rewrite and data migration of website and CMS
- Asynchronous job-based user avatar generator
- Avatar items store (Single-Page Application)

PHP Javascript MySQL

Senior Software Engineer **Tuenti** 2009 - 2013

Madrid, Spain

- Frontend and backend development: Home feed, user notifications, multi-search, friends importer, groups, chat client rewrite & group chat
- Mobile website and mobile support tools main responsible (1 year)
- Ownership and migration of in-house CMS to opensource framework for easier maintenance
- Biggest Spanish social network until 2012, acquired by Telefonica

PHP Javascript MySQL

Senior Software Engineer **NAVTEQ** 2008 - 2009

Madrid, Spain

- Internal web applications, SOA and mobile web services
- Indoor routing R&D: optimal paths, step-by-step instructions. Achieved sub-second results, 20x less memory footprint

C# ASP.NET SQL Server

Software Engineer, Senior Software Engineer **Multiple companies** 2001 - 2008

Madrid, Spain

- Consulting services and full-stack development, including 4 years at Iltia Technologies
- Desktop, PDA, TabletPC & web applications: e-learning platform, airport passenger bridge control system, Messenger conversational bots

C# ASP.NET Javascript SQL Server

At most jobs performed mentoring, technical outreach and recruiting activities.

PROJECTS & OPEN SOURCE

Development blog (since 2004): blog.kartones.net

GitHub: github.com/kartones

Speaker at +30 conferences and user groups: slides.kartones.net

Books technical reviewer: 'LEGO Mindstorms EV3 Essentials' and 'Learning LEGO MINDSTORMS EV3'

EDUCATION

B.Sc. Computer Science, Universitat Oberta de Catalunya, Spain (www.uoc.edu) - 2012 - 2018

Unfinished, spare time hobby. Full-remote study plan.

B.Sc. Computer Science, Universidad de Alcalá de Henares, Spain (www.uah.es) - 2000 - 2004

Unfinished, left pending 10 subjects.