DAVID GARCIA LOPEZ

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Profile

As an expert Tech Lead with over 20 years of experience in Software Development, I bring a wealth of technical expertise and leadership skills to drive successful software development projects. Like my previous experience in Koa Health, I led a team where we produced some new applications from scratch.

I'm enthusiastic and passionate about software development, with a strong grounding in object-orientated design, SOLID, TDD and design patterns.
In the past years, I moved to a Tech Lead position and ran as Engineer Manager at some point, where I learned how to manage, mentor, code-reviewing and lead my team with all the experience I got during all these years.

Happy and willing to work along with Product, Designers, QA, Marketing, R&D, Data, DevOps and other teams to create great solutions.

Seeking a challenging Tech Lead or Engineer Manager role in a dynamic and innovative company where I can utilise my extensive experience in software development and team management to drive successful projects.

Career history

Software Engineer / Tech Lead	**Alpha(Telefonica) / Koa Health (Barcelona)**	**Sept 2018 - Present**

- Develop a few mental health depression mobile apps from scratch. Helping to create the architecture of the app, backend and cloud. Deployed in production and started using it for real patients, having BDD, OCD and Depression.
- Led a team of 5 people to deliver and put in production a Mental Health mobile application, Web Dashboard and backend services deployed in the cloud AWS. Improve some of their careers to move to the next level of their Engineer path.
- Ran a few medical trials with these applications in the MGH hospital. Exceed results and published in JMIR
- Act as an Engineer Manager for 6 months while we were looking for one.
- Use Ionic and Flutter to create different mobile apps, deploying them in the Apple and Google Play stores

Software Engineer	**Just Eat (Bristol)**	**July 2016 – August 2018**

- Improved 10 times the velocity of some Finance tools.
- Architect, develop, deploy and monitor business tools to ensure the payments to restaurants are delivered correctly every week in 9 different countries, millions of pounds each.
- Be one, of two people, of the team's key members to ensure that payments will always work.
- Mentor and review work with others members of the team.
- Felt that I was a little piece of the company which Just Eat entered into the FTSE 100

Software Engineer	**Invitation Digital (Bristol)**	**April 2016 – June 2016**

- I helped to release the new version of www.vouchercloud.com, a website used by thousands of users per day, using C#, ASP.Net MVC and Angular.

Software Engineer	**Mewburn Ellis (Bristol)**	**March 2015 – March 2016**

- Improved tool to be more maintainable using a few different patterns like factory and command.

- Architect, develop and deploy web tools used for businesses to see internal data in a nice way.
- I introduced Scrum to the team, proposed doing stand-ups, showcases, code reviews and involving the whole team to take decisions in the development of the others, etc…

Software Engineer   **DAC Beachcroft LLP (Bristol)**   **January 2014 – Feb 2015**

- Introduce Angular to the team and use it in a web application.
- Raise important architectural issues, such as the use of GAC to register DLL or choose Sharepoint 2013 as the main application container, which was one of the causes of the project failure.

Software Engineer / Architect   **Ancert (Barcelona)**   **June 2011 – July 2013**

- Led my team and was responsible for the architecture of a crucial and complicated part of the project, Microsoft Word Add-in.
- Develop a full and complex Add-in on Microsoft Word with a backend communication

Software Engineer   **Gimage (Barcelona)**   **December 2006 – May 2011**

- Synchronize different SQL Server replicas to be able to have a write DB and read DB.
- Create Windows XP/7 embedded to be used in the monitor IP instead of the custom ones. Achieved more performance and added some infrastructure, which helped develop more efficiency.
- Created SQL Reporting Services where the business could get live data so that they could act quicker.
- Started using TDD, SOLID, clean code, etc.

Software Engineer   **Diurnus (Barcelona)**   **Sept 2006 - Dec 2006**

Software Engineer   **Steria Iberica (Barcelona)**   **October 2005 – March 2006**

Systems Operator   **Auna (Barcelona)**   **January – September 2005**

Developer / IT system   **Salgri S.L. (Barcelona, Spain)**   **September 2001 – April 2004**

Technical Skills

Architecture & design
Object Oriented Software Design and Development, SOLID, TDD, RDBMS Database Design and Development, NOSQL, Software Design Patterns, SCRUM, Kanban, DevOps, Extreme programming.

Technologies
Flutter, NodeJS, AWS, Docker, Kibana, C#, .Net, Git, MVC, ReactJS, Angular, Javascript, Grafana, Graphite, SQL Server, MySQL (Aurora), PostgreSQL, MongoDB.

Education

Autonomous University of Barcelona, Barcelona, Spain

- Bachelor's Degree in Information Systems – 2003 – 2009
- Course in Domotics – Building automation – 2006

Taulé Viñas, Barcelona, Spain
- Vocational course in Computer Application Development 2000 - 2002

Courses

ITIL® Foundation certificate in IT Service Management – 2014 – DAC Beachcroft LLP