

Alejandro Fernández Haro

17/06/1987

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PROFILE

An energetic, highly motivated, fast-learning and committed professional with over eight years of experience. Working with and leading other team members to deliver customer-first and high-quality service on time, ensuring customer satisfaction. Some of my skills are:

- Product oriented, flexible and fast learner
- Great communication skills, both in technical and non-technical environment.
- Team player and problem solver
- Bilingual: English and Spanish

PROFESSIONAL EXPERIENCE

Technical Lead

Adstream

February 2016 – Present day

Maintaining Adstream's Public (RESTful) API and developing over 60 (and counting) different microservices designed to be deployed around the world and extend the functionality of the Adstream Platform, automating business processes and integrating with third party applications, delivering a better experience to our customers and improving the scalability of our platform. All the logs from these microservices are collected and presented in a centralised in-house-built web application, making them easier to support.

Main used technologies: **NodeJS, TypeScript, TDD, Mocha-Chai, Gulp, AngularJS, Docker, ActiveMQ, Kafka, Socket.IO, MongoDB, Elasticsearch, Redis, Git, Jenkins, AWS.**

I joined the company as a Javascript Software Developer and learned from my colleagues until my current Tech Lead role where I still keep hands on code, while also taking care of most of the Code Reviews, running interviews for new candidates, working hand-by-hand with the architects to make technical decisions, implementing and maintaining our CI pipelines based on a high coverage tested code base, and providing some analytics, reports and insights of the event-driven actions taking place in our microservices.

Solutions Architect

Case on IT

August 2013 – January 2016

Design and development of a Big-Data-based system, measuring the user's experience across its digital life (mobile and landline). It is achieved by distributed systems running real-life-scenario benchmarks and presenting the data (real-time) in an easy-to-use reporting tool.

Involved in the development of every component since its early phase: its autonomous measurement devices (embedded systems), back-end services and processes and front-end tool.

Main used technologies: **NodeJS, MongoDB, Linux Scripting, HTML5, CSS3, PHP, JavaScript, AngularJS, Git**

As the tech team grew in numbers, I became leader of this department, playing the roles of Lead Developer (ensuring high code standards and processes), Line Manager (5 people in the team + contractors) and meeting with our customers to better understand their needs in order to drive the tech team to the best direction.

Enterprise Applications Consultant

Deloitte

February 2011 – August 2013

Meeting with customers to gather their business needs, analysis, design and implementation of IT solutions.

Collaborated in the following projects:

- Controlling module implementation in an ERP for a Real Estate company (**SAP FI/CO**)
- Consolidation & Forecasting tool with ETL extraction from an ERP for a Construction enterprise (**BPC/BW**)
- Treasury module configuration for a Services company (**SAP FSCM**)
- IT departments processes analysis and consolidation proposal for an important Construction group
- Business information dashboard designed and implemented in a reporting tool for an Infrastructures group (**QlikView**), defining and implementing ETL from **SAP BPC** database - MS edition (**SQL**).

Network protocols testing environment implementation

Universidad de Granada

April 2009 – July 2009

Internship at *Signal, Telematics and Communications Department* in University of Granada (ETSIIT, Granada).

Laboratory design and configuration for network protocols analysis. During this project, I had to design and develop a custom sniffing application to fit initial requirements.

Main used technologies: **Linux Scripting and Configuration, Java**

TECHNICAL SKILLS / TECH STACK

Development

NodeJS, Javascript, Typescript, Gulp, Socket.IO, AngularJS, TDD, Mocha, Chai, Git

Databases/BackEnd services

MongoDB, DynamoDB, ElasticSearch, Redis, MySQL, Kafka, ActiveMQ

DevOps

Shell & Bash scripting, Jenkins, Makefile, Docker, AWS

LANGUAGES

- Fluent in English and Spanish
- Basic spoken and written French

UNIVERSITY AND SPECIFIC EDUCATION

- **MSc in Telecommunications Engineering** from Universidad de Granada (Spain) *2005 - 2010*
- **iOS programming** (40h) from Universidad Galileo (Online) *October 2012 - December 2012*
- **Virtual Reality - Scientific Investigation and commercial application** (30h) from Universidad de Granada (Spain) *July 2008*
- **PCB design and manufacturing** (45h) from Universidad de Granada (Spain) *December 2007 - March 2008*

NON-SPECIFIC PROFESSIONAL EXPERIENCE

Au-pair

Richard Lewis Communications

July 2005 – September 2005

At Riversdown House (Winchester, Hampshire, UK) as waiter, assistant cook, gardener, assistant maintainer.

Waiter / Barman

Hotel Puerto Marina (Mojácar, Almería, Spain)

Summers of 2004, 2007, 2008

Summertime jobs in a hotel in Mojácar (Almería, Spain). All guests in the hotel were people from UK.