




Albert Abril

Senior Software Engineer / DevOps

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About

Software engineer with background in backend, microservices, devops and continuous integration / continuous delivery.

Most of my experience has been working as a full-stack developer using NodeJS as a main ecosystem, more with a tendency into backend and architecture. Also worked in other languages as Python and PHP.

As a candidate, I am particularly interested in highlighting my expertise in architecture, dedication to producing well-planned work, and the possibility to apply devops expertise. Cloud Native, concurrent and low level languages has been on my target lately.

Languages

English // Fluent
Spanish // Native
Catalan // Native

Key Skills

- Continuous Integration
- API design and implementation
- Microservices
- Relational and NoSQL databases
- Test Driven Development
- Web Frontend development
- Message Queuing

Technical Skills

- NodeJS
- Javascript / Typescript
- Bash Scripting
- Docker
- Kubernetes
- GCP adminisitration
- Linux Servers

Current Learnings

- Getting proficient in Go
- CNCF universe

Want to learn

- Dive into unikraft.org
- Rust & Haskell

Misc

- Played the Oboe as a teen
- Worked as a cinema projectionist

Work Experience - Summary

- **Bit2Me**
- **Mirage - Topcon Group**
- **Funky Data - 2019**
- **Vendigo Finance**
- **Funky Data - 2016**
- **Swishd**
- **Commonplace.is**
- **SpottinStyle**
- **LaTiendaHome**
- **SpottinStyle - MVP**
- **VICE Magazine**
- **KM77**
- **AdLemons**

Castelló, Spain, Hybrid 2022.01
València, Spain, Remote 2020.03
London, UK 2019.07
London, UK 2017.09
London, UK 2016.07
London, UK 2016.03
London, UK 2015.11
London, UK 2014.07
Gandia, Spain 2013.11
London, UK, Remote 2013.07
London, UK 2013.01
València, Spain 2011.11
València, Spain 2011.03

Education

Universitat Oberta de Catalunya // dropped
2006 - 2007 // Enginyeria Tècnica en Telecomunicacions Esp. Telemàtica

Universitat de València // moved to remote
2003 - 2006 // Enginyeria Informàtica (Computer Science)

Awards

ResetWeekend 2013

ResetWeekend.org is an startup competition, where contestants propose their ideas, and the community votes for the ideas they feel are the best, then these are developed over the weekend. The concept that won was a social alarm clock that wakes your relatives up with custom music or music accustomed to their tastes. We named it PlayMyDay

link: <https://youtu.be/vwQ8VGuouYw>

Work Experience (2023-2011)

Bit2Me

Senior Software Engineer /// DevOps

- Migrate from Drone-Cl to Woodpecker-Cl
- Extract pipelines files from each repo to a central service
- Support devs with deployment on their scoped services
- Support devs with connection and workflow through services
- Work hand by hand with sysdamins (later DevOps team too)
- Support Cybersecurity team to accomplish with ISO-27001
- Code Contributions to Core Team
- Instal Google Trace on each service for observability
- Help to set up tools as Grafana, Sentry and Snyk

#node #typescript #bash #go #docker #docker-compose
#kubernetes #drone-ci #woodpecker-ci #GoogleCloudPlatform
#grafana #prometheus #google-trace

Com. Valenciana - Spain

January 2022 - January 2023

Bit2Me is platform suite founded in 2014, with the goal to help individuals, exchanges, mining pools, token issuers, investment funds, governments and institutions to access, trade and manage cryptocurrencies and digital assets optimally.

When I joined, I had the chance to work together with the sysadmins, and with my background with software development, the DevOps team was founded. Also contributed in the Core Team.

Mirage - Topcon Group

Software Engineer /// Backend & Infrastructure

- Delivers implementations or solutions to different services
- Work on existing legacy Django projects
- Structure of the API with django-rest
- Improve backend services with Python
- Front load-balancer with NodeJS Lambdas (serverless)
- Modify gitlab-ci jobs for deployment automation
- Prepare Dockerfiles and docker-compose entries
- Configuration of gitlab-runner with the central repositories
- Setting up and install remote servers to build artifacts

#python #django #django-rest #docker #docker-compose
#gitlab-ci #amazon #aws #amazon sqs

València, Spain - Remote

March 2020 - September 2021

Moved back to València by March 2020, Got hired on Mirage - Topcon. Mirage is a company funded in 2009, it specializes in services related to research, development and integraton of high-end interactive 3D solutions in a variety of sectors.

The role in the company as a Software Engineer was focused as Backend and Infrastructure.

Funky Data - 2019

Software Developer /// Freelance

- 40 days as a developer at OneFlow (HP group) - **Nodejs** microservices
- 10 days at Native (**Coffescript**) - support on a mobile UI prototype
- Attended Truffle University Programme - 8 weeks remote
- Attended 2-day blockchain dev bootcamp @ King's College London
- Prepared own VPS Linux server for a CI/CD homebrew environment
- Prepared self repositories for a MEMP microservices stack

#node #express #django-rest #docker #docker-compose
#gitlab-ci #amazon #aws #amazon sqs

London - UK

July 2019 - March 2020

After the role in Vendigo (employee), decided to open a company and offer my experience as a freelancer.

Vendigo Finance

Senior Software Engineer /// FullStack NodeJS Dev

- Horizontal team in an Agile environment
- TDD development, full tests coverage on the API
- 70% backend work & 30% frontend
- Proj. 1 - Backend: **HAPI, Mongo**, MVC pattern & **Jest**
- Proj. 1 - Frontend: **AngularJS** 1.4 Component Based, Redux
- Proj. 1 - Devops: Docker, Circle CI, GitHub integration
- Proj. 2 - Backend: HAPI, SSR, PostgreSQL, SequelizeJS
- Proj. 2 - Frontend: Handlebars, SASS, Parcel, E2E tests with Cypress
- Proj. 2 - Devops: Jenkins and Docker

#nodejs #javascript #mongodb #postgresl #sequelize

London - UK

September 2017 - July 2018

Vendigo is a Fintech startup which provides a point-of-sale financing to the home improvement industry connecting consumers, merchants and lenders. Joined the company at a stage when the product was getting rebuild into a NodeJS ecosystem. Team formed by six senior developers, one product owner and one QA. All devs had fullstack experience with javascript and node.

Funky Data - 2016

Software Engineer /// Freelance

- **NodeJS** Backend API development HQ MOBILE LTD
- Enjoyed free time to travel and attend meetups and workshops

#nodejs #javacript #mocha #tdd #api

London - UK

July 2016 - July 2017

After my role at Swishd, I openend a solo-company to offer my services as a freelance, since I needed more flexibility on times and moving from time to time to my hometown in Valencia.

Swishd

Software Developer /// Fullstack NodeJS Developer

- REST API Development using TDD practices
- Stack: NodeJS, Restify, Mongoose, Mocha
- Stack: NodeJS, Angular, Grunt
- Stack: Jenkins for continuous integration
- Infra: AWS

#NodeJS #JavaScript #API #development

Spitalfields, London - UK

March 2016 - July 2016

Swishd was a startup which build a platform for food and parcel deliveries, similar as Deliveroo.

The goal on this role was to develop and implement features as it goes on the agile and commanded by the CTO.

Commonplace.is

Software Engineer /// NodeJS & REACT

- API Development using TDD practises
- Backend: NodeJS, ExpressJS, Mongoose, React, Mocha
- Front: React and Selenium for E2E
- Infra: Circle-Cl and AWS

#nodejs #javascript #expressjs #mocha #tdd

Candem, London - UK

November 2015 - March 2016

Commonplace is a web platform used by local councils, property developers, housing associations, transport organisations, neighbourhood planning groups and community groups to support and dynamise communication.

The role involved backend development, but also some frontend. Every PR must be fully tested and was automatically deployed via CI.

Spottinstyle

Software Engineer /// Tech Founder

- Understand and project the needs with founder
- Spec and design the architecture using microservices
- Mentoring and support 3 devs: a junior FE, a mid BE and a senior iOS
- Core APIs with Express, Mongoose and Cloudinary
- Frontend with AngularJS 1x
- Integrate with 3rd Party services APIs key to the platform
- Third Party: Cloudinary.io, compose.io and MailGun
- Back: Multiple microservices with NodeJS/Express
- Front: Admin Backoffice with AngularJS consuming the API
- Front: Jade, Gulp, MaterializeCSS, Bower, Karma, StylusCSS

#fullstack #nodejs #api #express #angular #mongodb

Notting Hill, London - UK

July 2014 - June 2015

Spottinstyle raised seed investment in June 2014. Since I was involved in the project from the beggining I was proposed to move back to London and develop the product.

The role was relevant for below reasons:
• opportunity to design and lead a greenfield project from scratch
• decided to go with NodeJS all the way
• modern JS frontend framework (Angular)
• managed a team of 4 people
• socket.io realtime websockets
• delivered on time

LaTiendaHome

Software Engineer /// REST API PHP Development

- Implement a RESTFUL API from a legacy project in Vanilla PHP / MySQL
- Back: Just Vanilla-PHP, no libs nor frameworks as requirement
- Front: Dashboard with CanJS / Backbone using the mentioned API

#php #vanilla-php #rest-api-development

Gandia - València, Spain

November 2013 - June 2014

LaTiendaHome is an ecommerce focused on selling mattresses and bedding clothes.

The work was concise: From the database build and implement a REST API to provide different rest-client apps. The only requirement and somehow challenging: Just RAW PHP, no libs or frameworks permitted.

SpottinsStyle - Minimal Viable Product

Software Engineer /// NodeJS API dev & REACT

- Understand and support the CEO to define, design and shape his idea
- MVC implementation using the web2py python web framework
- Shaping the database models using web2py's Data Abstraction Layer
- Use of MySQL with migrations
- Auth system: signup, email confirmation, login and reset password
- Email Verification, Facebook Oauth & Twitter Oauth
- Production-ready for i18n
- Gallery views with advanced Javascript using CanJS and AJAX.

#python #web2py #DAL #mysql #debian-server #javascript #canjs

Remote - London & València

June 2013 - November 2013

In June 2013 I had to come back to Valencia from London, due to family reasons. Right before coming back, an exciting project was proposed to me. The founder proposal was to prototype a Fashion Social Network, with their users, galleries, tagging and comments.

The project seemed exciting, with good timing and with the opportunity to apply knowledge on a real world scenario.

VICE Magazine

Web Developer /// Freelance

- Developed features in the intranet as requested by the client
- Technologies: PHP, CodeIgniter, JQuery, git

#php #codeigniter #jquery #javascript

Old Street, London - UK

January 2013 - March 2013

VICE.com is an alternative punk magazine, focused on lifestyle, arts, culture, and news/politics.

The contract required work on new features for the internal panell, using PHP/ Codeigniter, Javascript and JQuery.

KM77

Software Developer /// Web Developer

- Fix infraestructure to achieve 99.9% uptime
- Set replicas to MySQL from one instance to a cluster
- Moved page-view inserts from MySQL to Redis
- Synced Peds to MySQL via automated daily crontasks
- Front: Implement a car comparator using raw JS and jQuery
- Python CLI Script as a backoffice to handle servers and db migrations
- Suggested and set Redmine as Ticket Tracker to apply agile
- Stack: PHP, Kohana, jQuery, git, MySQL, redis, python.

#php #kohana #mysql-cluster #redis #linux-vps #python

València - Spain

October 2011 - September 2012

KM77 is a portal for the automotive industry. It lets users to visualise car models, specifications and compare every car in the market, with every specification for each car.

AdLemons

Software Engineer /// Web Developer

- Implements Git and host on GitHub replacing manual FTP uploads
- Refactor codebase to follow MVC guidelines
- Implements a custom helper to handle i18n strings
- Adapt a Redmine as a Ticketing System to manage tasks
- Tech Stack Backend: PHP, CodeIgniter, MySQL
- Tech Stack Frontend: jQuery, raw HTML/CSS
- Tech Stack Infra: SSH & Linux VPS

#javascript #node #php #codeigniter #startup #MVC #git #github

València - Spain

March 2011 - September 2011

AdLemons.com was an ad-serving platform that offers decentralised sponsorship in blog networks.

Team of four employees at the time. Two developers. The role involved too improve codebase and set good practises in terms of the deployment workflow.