

ALEXANDRU BOBOC

DevOps Engineer & Software Developer

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alexboboc



WORK

DevOps Engineer

Topology Eyewear

March 2019 – Now

San Francisco, US

- Architected and deployed production **AWS resources (IAM, S3, EC2, CloudWatch, Lambda, Redshift, etc)** to support the activities of the company globally and ensure high availability of services.
- Created cloud infrastructure for deploying and running complex GPU-relying machine learning workflows using Terraform and extensive scripting (Bash, Python...).
- Worked across all departments of the company to develop solutions for **optimizing processes** in place, as well as developing new ones.
- Built internal management tools** for interacting with cloud resources without the need for a technical profile.
- Developed **complex automation workflows** for Excel, SolidWorks, Blender, etc, saving significant amounts of man-time replacing manual processes.
- Built informative company-wide **dashboards**, using AngularJS and Node.

DevOps Engineer & AI Developer

Kompyte

October 2017 – July 2018

Barcelona, Spain

- Developed tools to automate the execution of 500,000 daily critical tasks on a **Kubernetes cluster managed with AWS**.
- Optimized and automated deploy of the core application with Docker and Azure resources, decreasing downtime drastically.
- Documented development processes and provided internal training.
- Designed and implemented predictive systems with over 90% precision, using **Python, Tensorflow and Sklearn**.
- Wrote complex data-scraping workflows using Node.JS.
- Actively participated in internal strategic meetings and **worked hand in hand with the CTO**. Joined the department as employee #2.

DevOps Architecture Intern

Everis Consulting

October 2016 – April 2017

Barcelona, Spain

- Maintained an Ansible project employing Docker and Nginx to deploy and test a distributed cache.
- Implemented the automatic deploy of a **CI/CD pipeline** composed by Gitlab, Jenkins and Nexus using Vagrant and Docker.
- Designed and implemented an AI Python tool to provide a **Docker Swarm** with self-healing capabilities. Employed Docker Compose, Elasticsearch, Kibana, JMeter and Vagrant.

PUBLICATIONS

Dissertations

- Analysis, design and implementation of highly-available architectures for supporting modern web applications* (2018). URL: alexboboc.com/fp.

ME

Highly motivated, knowledge-thirsty and naturally curious.

EDUCATION

BSc in Computer Science

University Pompeu Fabra

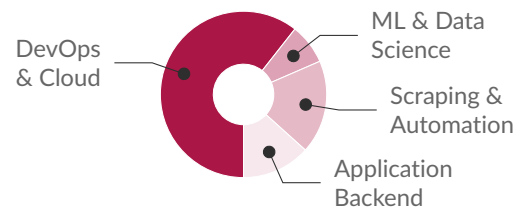
2014 – 2018

Barcelona, Spain

STRENGTHS



EXPERIENCE



SIDE PROJECTS

- @Concinnus**
Twitter & Instagram bot that publishes an abstract gif every hour
- @CocktailsBot**
Twitter bot that posts beautifully-formatted cocktail recipes
- @LetsPlayTrivia**
Bot tweeting trivia questions as polls every hour
- GetThatPath**
Chrome Extension that copies CSS paths just by clicking an element
- Alex Boboc Blog**
Personal blog, mainly used for technical commentary on side projects