

ALEXANDRU BOBOC

DevOps Engineer & Software Developer

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alexboboc



WORK

DevOps Engineer

Topology Eyewear

March 2019 – Now

San Francisco, US

- Lead all DevOps and backend efforts throughout the company, including cloud infrastructure, automation workflows and application backend development.
- Architected production AWS resources (S3, EC2, Lambda, API Gateway, Redshift, etc) to support the activities of the company globally.
- Scripted deployments with Terraform, operated orchestration clusters using Nomad, and migrated legacy workflows to the cloud.
- Built and maintained all the backend resources (DB, API, etc) necessary for supporting the iOS app developed by the company.
- Built numerous internal tools (including MacOS and web apps), and trained staff and enterprise clients to use them.
- Developed complex Python automation workflows for SolidWorks, Blender, etc, saving significant amounts of man-time.

DevOps Engineer & AI Developer

Kompyte

October 2017 – July 2018

Barcelona, Spain

- Developed tools to automate the orchestration of 500,000 daily critical tasks on a Kubernetes cluster managed with AWS.
- Optimized and automated deployment of the core application with Docker and Azure resources, decreasing downtime drastically.
- Wrote complex data-scraping workflows using Node.JS.
- Designed and implemented predictive systems with over 90% precision, using Python, Tensorflow and Sklearn.
- Documented development processes and provided internal training.
- 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

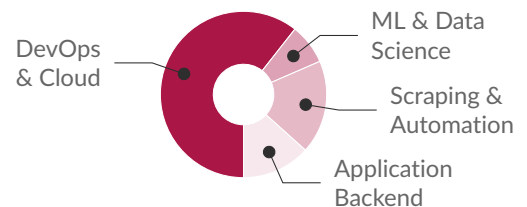
Barcelona, Spain

STRENGTHS

Automation DevOps Python
Docker AWS Linux Cloud
Orchestration Terraform Node

Perfectionist Planner Public speaker
Problem solver Autodidact

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