

ALEXANDRU BOBOC

DevOps Engineer & Software Developer

@me@alexboboc.com +1 (628)-999-4413 San Francisco www.alexboboc.com @lxbbc 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.

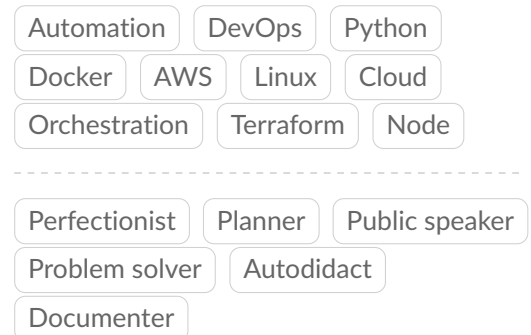
EDUCATION

BSc in Computer Science

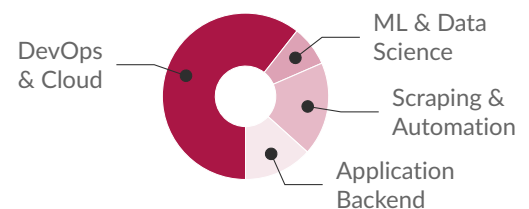
University Pompeu Fabra

2014 – 2018 Barcelona, Spain

STRENGTHS



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