ALEXANDRU BOBOC

DevOps Engineer & Software Developer

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WORK

Lead 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.
- Scoped and planned the execution of **multi-million dollar** projects spanning over several months and involving multiple teams.
- Architected and implemented production **AWS resources (S3, EC2, Lambda, SES, ECS, 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.

ME

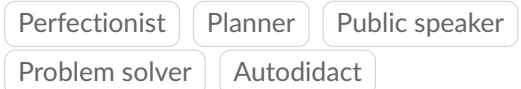*Highly motivated, knowledge-thirsty and naturally curious.*

EDUCATION

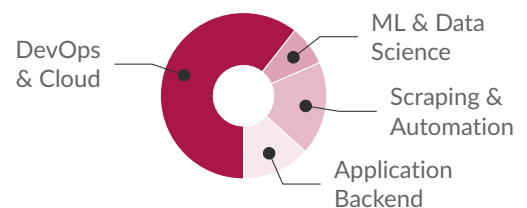### BSc in Computer Science
University Pompeu Fabra

2014 – 2018   Barcelona, Spain

aws certified **Cloud Practitioner**   aws certified **Solutions Architect** Associate   aws certified **SysOps Administrator** Associate

STRENGTHS

Automation   DevOps   Python
Docker   AWS   Linux   Architecture
MongoDB   Terraform   Node

Perfectionist   Planner   Public speaker
Problem solver   Autodidact

EXPERIENCE

DevOps & Cloud   ML & Data Science   Scraping & Automation   Application Backend

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.