ALEXANDRU BOBOC

DevOps Engineer & Software Developer

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WORK

DevOps Engineer Contractor
Topology Eyewear

📅 2019 – Now   ⚲ San Francisco, US

- Worked under the CTO's supervision to reproduce and automate in the cloud a critical piece of the company's activity.
- Wrote **Python, Bash and Terraform scripts** to deploy complex ML workflows on GPU-equipped AWS instances on demand.

DevOps Engineer & AI Developer
Kompyte

📅 2017 – 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.
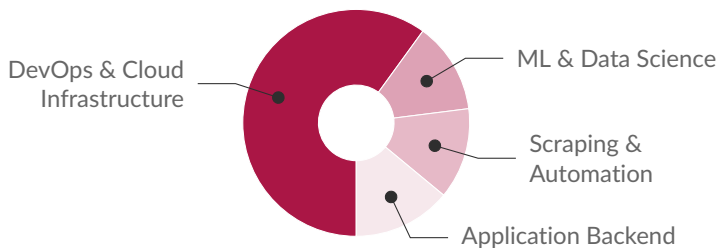
DevOps Architecture Intern
Everis Consulting

📅 2016 – 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.

EXPERIENCE

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

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 · Software Engineering · Development · Node · C++ · Linux

Perfectionist · Planner · Public speaker · Problem solver · Autodidact

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

⌛ **Alex Boboc Blog**
Personal blog, mainly used for technical commentary on side projects

REFERENCES

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Tech Leader Iván J. Correa
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