

ALEXANDRU BOBOC

DevOps Engineer & Software Developer

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WORK

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.
- Managed and maintained large **MongoDB databases**.
- Documented development processes and provided internal training to other members.
- 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

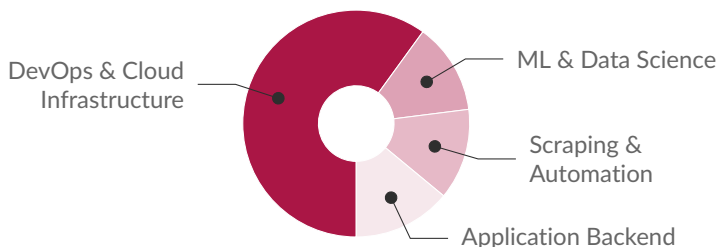
Everis Consulting

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 proof-of-concept **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.
- Provided support in formative enterprise sessions.

EXPERIENCE



PUBLICATIONS

Dissertations

- Analysis, design and implementation of highly-available architectures for supporting modern web applications* (2018). URL: alexboboc.com/fp.
- Internet By The Numbers, an in-depth study of the society-wide impact of the internet* (2014). URL: alexboboc.com/ibtn.

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
- @HourlyDesign**
Bot tweeting inspirational pieces of design periodically
- Alex Boboc Blog**
Personal blog, mainly used for technical commentary on side projects

REFERENCES

Prof. Javier Agenjo

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Tech Leader Iván J. Correa

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