

# Dimitrios Moraitidis

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## Professional Experience

### 1PlusX, Switzerland

November 2019 - Present

#### Senior Devops Engineer

May 2021 - Present

› From inception to planning to the actual implementation of anything devops

#### Devops Engineer

November 2019 - April 2021

- › Being the go-to stakeholder of AWS networking solutions, and rest of AWS services.
- › Formalized every infrastructure aspect in a gitops approach.
- › Implemented Systems' Security combining custom solutions and managed cloud services to improve company's standpoint.
- › Upgraded and designed the new Terraform setup, coupled with Packer. Also being the lead member regarding this technologies.
- › Ameliorated the monitoring using Grafana, InfluxDB & collectd.
- › Managed Distributed streaming infrastructure with Kafka & NoSQL DBs with Elasticsearch and Couchbase.
- › Lead the internal devops team, being the primary stakeholder of the team's quarterly goals, as well as future long-term ones.

### Starcoders, Belgium

February 2019 - October 2019

#### Devops Engineer

- › Completed a major Elasticsearch migration, after successful testing, benchmarking and managed services comparison.
- › Worked extensively with terraform. Moved backend to S3 and DynamoDB to prevent concurrent state file writing and increased dev productivity.
- › AMI building with Packer to automate Bastion and Zabbix agents deployment and improve their reliability.
- › ECS Autoscaling and investigation to move to Spot Instances for reducing costs.
- › Monitoring with Zabbix using the zabbix agent and boto3 python for collecting cloudwatch metrics.

### Yields.io, Belgium

February 2018 - January 2020

#### Software & Devops Engineer Junior

September 2018 - January 2019

- › Dockerized company's technology stack.
- › Managed company's Linux systems, and also addressed a temporary company's platform deployment in Windows Server.
- › Implemented production-ready scripting in Bash and at a lesser degree, Powershell.
- › Further familiarized with AWS services.
- › Improved dev productivity and code-testability by introducing Hashicorp's Vagrant.
- › Implemented Continuous Deployment and Delivery pipelines with Jenkins.

#### Software & Devops Engineer Intern

February 2018 - August 2018

- › Contributed in adding a backend test suite in Scana and specs2 framework.
- › Used Spark and Python to create data analysis notebooks with Jupyter.
- › Introduced to the AWS cloud and other infrastructure tools of all the spectrum of software development like CI/CD systems, development in Linux, Docker development.

### Freelancer, Athens

2011 - 2014

› Full stack web development using Wordpress, creating websites for professionals.

## Education

### Athens University of Economics and Business, Greece

January 2015 - September 2019

4-year B.Sc. in Informatics, specialized in Information Systems & Security, Operational Research, 6.6/10

## IT Skills

**Amazon Web Services** EMR, DynamoDB, EC2, ELB, SNS, Lambda, SQS, SES, S3, VPC, Route53, RDS, and more.

**Operating Systems Linux** (Debian/Ubuntu, RHEL, CentOS), Windows Server.

**Databases** MySQL, MariaDB, PostgreSQL, Couchbase.

**Container Orchestration** ECS, Kubernetes.

**Platforms and Tools** Terraform, Packer, Docker, Akka, Jenkins, Nexus, JIRA, Zabbix, InfluxDB, Grafana.

**Networking** TCP/IP, UDP, DHCP, DNS, HTTP, IMAP, SMTP, NAT, Wireshark, subnetting.

**Software Development** Java, C/C++, Python, Scala, Git, Shell Scripting.

**Build Tools** sbt, Makefile, Maven.

**Systems' Security** Penetration Testing with Kali Linux, Intrusion Detection with Wazuh and AWS GuardDuty.

## Languages

**Greek** Native

**English** Proficient (C2)

**French** Intermediate (B2)

**Japanese** Basic (N4)

## Transferable Skills

Communication Skills, Team Management, Risk Management, Excellent Customer Rapport, Negotiation Skills, Organization, Motivation, Patience, Flexibility, Cultural Awareness and Adaptability.

## Other Activities

- › Attended several conferences regarding software development in Hong Kong (March 2014) and GOTO in Amsterdam (June 2019).
- › Participation in a 12 week long virtual European accelerator at Strascheg Center for Entrepreneurship in Munich in (Spring, 2016).
- › Keen interest in emerging technologies such as FinTech, blockchain solutions and IoT.
- › AIESEC Alumni after participating in local committee's activities such as facilitator for incoming arrivals, recruiting for new members and volunteering for 2 months in Taiwan as an English Teacher.
- › Founded and led a comic subtitling group & website which grew to be one of the most-visited websites in its niche.