

George Ilia

DevOps Engineer

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Introduction

Engineer with hands-on experience in cloud infrastructure, CI/CD automation, Kubernetes, and observability. Skilled in **Terraform**, **GitLab CI/CD**, **AWS**, and **Kubernetes**, with a strong focus in **scripting** and **cloud deployment**. I come with passion for optimizing infrastructure and improving system reliability.

Experience

DevOps Engineer • Foodtec Solutions

Feb 2024 – Present

- Automated infrastructure provisioning with **Terraform**, creating modular setups for **EC2** instances and **EKS clusters**.
- Built and maintained **GitLab CI/CD** pipelines, streamlining deployment workflows with manual and automated jobs.
- Deployed and managed **Kubernetes** workloads using **Helm charts**, ensuring consistent application rollouts.
- Configured **Prometheus**, **Grafana**, **Loki** and **Alloy** for real-time system monitoring, improving incident response efficiency.
- Developed custom automation **scripts** in **shell** to simplify infrastructure management and deployment processes in **Postgresql**.
- Managed VMs in **ESXi**, optimizing resource allocation and system stability.
- Strengthened cloud security by configuring **IAM roles**, **security groups** and integrating **Terraform** security scanning into CI/CD pipelines.

Jr. Java Developer • Amdocs

July 2022 – Sept 2023

- Led the automation of **CI/CD** workflows, improving code deployments and reducing manual intervention.
- With **Bash** designed and implemented infrastructure automation scripts to improve operational efficiency.
- Worked with **cross-functional** teams to oversee environment updates and software upgrades.
- Java 8** development with implemented **regex** control for input fields

Private Tutor – SQL • Freelancer

July 2021 – Dec 2022

- Set up fairly difficult homework for the sake of student's to challenge their skills and minds.
- Encouraged students to ask questions and listen to any thoughts.
- Provided monthly tests to students to check their progress during the period I was tutoring.

Education

University of Macedonia, Thessaloniki Greece

Bachelor of Science in Applied Informatics /
Specialization in Technology Management

- Graduated: May 2021
- System Analysis & Design (UML, Visual Paradigm)
- IT Project Management (Microsoft Project)
- Internet of Things (Arduino projects)

Skills

- AWS (EC2, S3, IAM, Terraform)
- VMware ESXi (VM provisioning, networking)
- Kubernetes (EKS, Helm, RBAC, networking, configMaps)
- Testing and debugging techniques
- Database and SQL

Tools/Software

- VsCode
- GitHub Actions
- GitLab CI
- Terminal
- AI structured prompts
- Terraform

Projects

Latest Tech News Website (AWS EC2 Instance)

- Python-based Flask web application.
- Created a user-friendly web application with **flask** and **nginx** and **unicorn**.
- Used **reverse proxy** in order to capture **logs** and any potential errors.
- Made adjustments such as rate limit to **nginx** to enhance security.
- Deployed on an **EC2** via **Terraform**.

Personal Webpage (AWS S3 Bucket)

- Used **S3 buckets** to store my html5 files.
- Configured **Lambda** functions to display viewers count.
- Made **Terraform** file in order to make it easy to migrate to other accounts.
- Set up of **Route53** and **Cloudfront** to host said webpage on aws.