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Phone Number: +30 6985665916
Email: akentominas@gmail.com
Personal Blog & CV: www.akentominas.com

ANASTASIOS KENTOMINAS

1. **SUMMARY**

A cloud automation engineer with almost **4 years** of experience in designing, building, and deploying cloud native solutions to reduce cost and minimize operational duties.

2. **EXPERIENCE**

Cloud Automation Engineer – 10/2022 to Present

ORACLE

Worked on native Cloud Automation driven team, maintaining, and developing ELK (Platform as a Service), used by hundreds of customers across the globe.

Key Responsibilities:

- Planned and created Disaster Recovery **ELK** environment with **90% of production data replicating**.
- **Migrated** ELK Production Infrastructure from **legacy** cloud to **OCI** (Oracle Cloud Infrastructure). Resulted on significant costs (**60% annual cost savings**) reduction and increasing performance.
- **Automated** the ELK **data quality** observability and reporting, resulting on saving hours of manual work and **error detection**.
- **Automated** the ELK service deployment and environment provisioning with **Chef Cookbooks** and **Terraform**
- Configured ELK **Monitoring** and **Alerting** with Slack and email integration.
- **Supported** the system 24/7 on weekly **oncall** rotations.

Skills: Elastic Stack (ELK), Python, Chef, Terraform, OLAM (Oracle Abstraction for Ansible), Linux task scheduling jobs (cron, system.timer), Bash.

DevOps Engineer – 2/2021 to 10/2022

ORACLE

Worked on development and maintenance of in-house monitoring software, which was used to collect compute metrics from over 6 Oracle Cloud regions and over 50 Line of Businesses.

Key Responsibilities:

- Software Development (**Python**/Flask & **JavaScript**/Oracle JET).
- **Containerized** and improved containers performance for each software component.
- **Automated** containers deployment using **Chef** Cookbooks.
- Integrated backend API's and frontend UI **with OAuth2 & SSO,** improving **Security** and Authorization of the system.
- Helped customers to meet their success criteria's for unhealthy system's alerting and notifications.
- **Supported** the system 24/7 on weekly **oncall** rotations.
- Resolved **Security Vulnerability Issue** reported after CVE scanning, by building a custom docker nginx image with secure nginx version and automatically deployed and **patched** across the fleet with Chef.
- By personal initiative, built a custom UI, for metrics monitoring with the purpose to migrate out of Grafana.

Skills: : Python (Flask), Docker, Prometheus, Alert Manager, Chef, Nginx, JavaScript (JET), Bash.

Full Stack Engineer – 10/2019 to 2/2021

amdocs

Worked as a Full Stack Software Engineer for development and support of Vodafone Netherlands Billing Systems.

Key Responsibilities:

- Developing & Support Billing and Notification Manager system, on **Java** (Spring boot) and **JavaScript** (React)
- **Analyze** product requirements and break the documentation into tasks.
- **Automated** Database record migration using Bash Scripts and PL/SQL.
- Assisted on production feature releases.

Skills: : Java(Spring) , JavaScript(React), Bash, PL/SQL.

Intern System Administrator – 4/2019 to 9/2019

Hellenic Electricity Distribution Network Operator SA

3. EDUCATION

Bachelor of Science: **Computer Science**

University of Thessaly – 2013 to 2019

4. CERTIFICATIONS

- CP-DOF - Certified Professional - **DevOps Foundation**
- Certified **DevOps Site Reliability Engineering** (SRE) Practitioner (qa.com)
- Oracle Cloud Infrastructure **DevOps Professional**
- Oracle Cloud Infrastructure **Cloud Operations Professional**
- Chef Principles Certification (chef.io)
- **AWS** Certified Cloud Practitioner
- Microsoft Certified: **Azure** Fundamentals

5. PERSONAL PROJECTS

- **Azure DevOps** pipeline for automated **Terraform** IaC deployments using Azure Resources (Information in **README**) - link
- Personal Technical Blog writing
    - **HTTPS** & SSL Certificate Tutorial - link
    - **Docker** containers **security** and **size** improvement article - link

6. LANGUAGES

- **English**: Proficient (C1 Certified English Level)
- **Greek**: Native (Fluent)
- **German**: Beginner
- **Russian**: Conversational