ILNTI-NICK PINA

Platform Engineer and Developer

CONTACT

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SKILLS

Skill	Experience
Kubernetes	5+ yrs
Python	5+ yrs
Docker	5+ yrs
AWS	3+ yrs
Azure	2+ yrs
Unix	5+ yrs
GIT	5+ yrs
GO	2+ yrs
JIRA	5+ yrs

EDUCATION

2014 - 2022

Integrated Masters in Computer Engineering and Informatics.

University of Patras, Department of Computer Engineering and Informatics

PROFILE

Experienced DevOps engineer with a focus on automation and custom application development. Skilled in managing complex projects and multi cloud infrastructures. Committed to delivering high-quality solutions that meet customer needs.

WORK EXPERIENCE

DevOps Engineer   June 23 - NOW
Hellas Direct, (Remote)

Developing the CI/CD Pipelines and building a solution in the fields of identity, access and secrets management

- Designing the architecture and deploying Vault to Kubernetes
- Handling user management and backup of Vault with a custom solution
- Providing a developer platform by using Backstage
- Creating and maintaining pipelines in Gitlab
- Monitoring and logging with Datadog
- Deploying and supporting Keycloak from Helm charts
- Deploying company apps to AWS Elastic Kubernetes Service cluster

Technologies used include:

- Keycloak and Hashicorp Vault for identity, access management and handling secrets
- AWS for deploying infrastructure
- Terraform for handling infrastructure as code
- Gitlab for creating pipelines
- Kubernetes and Docker
- Python and GO for scripting
- Datadog for logs

Achievements include:

- Provided an automated way for rotating and storing secrets
- Reduced time to production from automating the release process
- Reduced bugs in infrastructure and cost by handling everything as code

The title of the thesis was 'Architect and design an IoT Platform'. Developed a comprehensive IoT platform architecture, encompassing data collection, processing, analysis, and visualization. Utilized Go programming language for efficient and scalable implementation.

CERTIFICATIONS

CKAD - The Linux Foundation

Certified Kubernetes Administrator, validating expertise in Kubernetes management and operations.

Professional Cloud DevOps Engineer - Google Cloud

Validates expertise in designing, implementing, and managing cloud-native applications and infrastructure on Google Cloud Platform.

Certified SAFe 5 Practitioner - Scaled Agile, Inc.

Validates expertise in implementing and applying the Scaled Agile Framework (SAFe) for large-scale agile transformations.

INTERESTS

- Hiking
- Skiing
- Swimming
- Travelling

Senior Cloud Platform Engineer
Citrix, (Remote)

`Mar 22 - Mar 23`

Responsible for developing and deploying microservices for handling Windows virtual machine image creation on Google Cloud Platform using Google Kubernetes Service.

- Implemented microservice in GCP deployed to GKE
- Gained experience in C# and .NET
- Implemented Unit Testing using the Moq library
- Solution implemented in monorepo using Buck as build system

Technologies used include:

- Google Cloud for deploying infrastructure
- Ansible for infrastructure migration and cloud configuration
- Teamcity for Continuous Integration and Deployment
- Python, C# and .NET framework for software development

Achievements include:

- Promoted cloud adoption in the company
- Automating infrastructure migration and use of tools like Kubernetes

Cloud Ops Engineer 2
Citrix, (Remote)

`Oct 20 - Feb 22`

Worked on architecting and developing a GO API as well as a Release platform.

- Acted as Product Owner, leading the architecture and development of a Go API for managing company-specific applications deployed in Azure
- Led PI Planning for the team, managing backlog prioritization, and setting clear PI Objectives and Sprint Goals to drive team alignment and productivity
- Collaborated with external stakeholders to gather project requirements and expectations, and regularly presented progress updates during Sprint Demos.
- Participated in the implementation and unit testing of the API
- Part of the Agile team responsible for deploying and managing the Release Management Platform consisting of Artifactory, Jenkins and Spinnaker
- Automation implemented through Ansible and IaC with Terraform deployed in Azure Kubernetes Service
- Handling Disaster Recovery (Defined RTO, RPO etc.) and canary deployments

Technologies used include:

- Ansible for infrastructure automation and configuration management
- Python for custom tool development

- New Relic for logging infrastructure

Achievements include:

- Drastically accelerated the release process for developers by improving reliability and reducing code-to-production time
- Achieved nearly zero downtime in case of disaster recovery from a stored backup

Cloud Ops Engineer   `Aug 19 - Sep 20`
Citrix, (Patras, Greece)

Design and implementation of a Secrets Management Service

- Hashicorp Vault deployed in Azure
- Implemented custom solution in Python for zero downtime upgrade of VMs to a newer version of the Vault service
- Vault architected with Disaster Recovery and High Availability
- Use of Hashicorp Consul for Vault backend storage
- Implementation of performance checks in Vault
- Integration of automated reports on code quality and performance
- Sonar as a static and dynamic tool for code analysis

Technologies used include:

- Python
- Infrastructure tools: Terraform, Ansible
- JIRA as the issue tracking/SCRUM tool

Achievements include:

- Enhanced company's security posture

Software Engineer Intern   `Mar 19 - May 19`
Citrix, (Patras, Greece)

Responsible for the infrastructure including performance and quality assurance on a large social media project.

- Created a system with Jenkins to control the building farms and allow users to login based on permissions/restrictions

Technologies used include:

- GIT, Jenkins

Achievements include:

- Created a self-service Jenkins server that handles the configurations from GIT