

# BOGDAN STEFAN ALBU

## CLOUD ENGINEER



Lisbon, Portugal



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## ABOUT ME

DevOps & Cloud Engineer with 2+ years at Siemens, experienced in GitOps practices, Kubernetes, Terraform (OpenTofu), and CI/CD pipelines. Skilled at building secure, scalable infrastructure and automating deployments to improve developer productivity.

Certified Azure Administrator and Kubernetes Administrator, with strong focus on open-source tooling and continuous learning.

I'm actively seeking an opportunity to grow alongside knowledgeable colleagues, contribute meaningfully, and take pride in delivering impactful solutions.

## LINKS

### LinkedIn:

[www.linkedin.com/in/bogdanstef](https://www.linkedin.com/in/bogdanstef)

### Github:

[github.com/StefanAlbu99](https://github.com/StefanAlbu99)

## LANGUAGES

- Portuguese - Native
- Romanian - Native
- English - C1
- Russian - C1
- Spanish - B1
- German - A1

## CERTIFICATIONS

### AZ-104 - MICROSOFT AZURE ADMINISTRATOR

Microsoft

### CERTIFIED KUBERNETES ADMINISTRATOR

The Linux Foundation

### CERTIFIED KUBERNETES APPLICATION DEVELOPER (ONGOING)

The Linux Foundation

## WORK EXPERIENCE

### Siemens

2024 - Present

#### DEVOPS CLOUD ENGINEER

- Contributed to the migration of six projects (18 environments) from Bicep to Terraform (OpenTofu), collaborating on module creation and refactoring, and implementing CI/CD steps (importing and resource listing) to ensure a smooth transition with minimal downtime.
- Deepened Kubernetes expertise by earning the CKA (Certified Kubernetes Administrator) certification.
- Worked extensively with the GitOps repository to manage cluster defaults, policies, and operators using Kustomize and Helm charts-improving infrastructure modularity, maintainability, and developer experience.

### Siemens

Jun 2023 - Aug 2024

#### DEVOPS CLOUD TRAINEE

- During my internship, I contributed to designing and improving CI/CD pipelines for Terraform deployments, using GitLab and GitOps practices.
- I helped modularize pipelines to make them reusable across teams, added steps like linting and validation, and ensured secure deployment by restricting manual apply permissions.
- I also set up basic monitoring for our apps and infrastructure, and worked closely with Kubernetes for deploying and managing applications.
- Throughout, I focused on automation, reliability, and making life easier for my team.

### Siemens

May 2023 - Jun 2023

#### CURRICULAR INTERNSHIP

- During my 3-month curricular internship at Siemens, I had the opportunity to collaborate with multiple IT teams, gaining a broad understanding of different areas within the company.
- The internship allowed me to explore various technologies and workflows, while also dedicating time to study for the AZ-104: Microsoft Azure Administrator certification.

## SKILLS

Azure	Kubernetes	Terraform	Git	GitLab	GitOps
Helm	Kustomize	ArgoCD	Ingress	Gateway API	
Cert Manager	Kyverno	Keda	Prometheus	Grafana	
Bash	Powershell	Network	Subnetting	Firewall	
NSGs	CI	CD	Architecture	Hub & Spoke	
Github Actions	Ticket Management				

## PERSONAL DETAILS

Date of birth:  
05/08/1999

Visa status:  
EU Citizen

Nationality:  
Portuguese

Marital status:  
Single