



# Mircea Adam

Architect / DevOps Engineer

<https://mircea.solutions>

## Profiles

[mirceaadam](#)

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## Summary

Cloud Architect & DevOps Engineer with 10+ years of experience designing and operating AWS-based platforms, with additional exposure to Azure and GCP. Skilled in IaC, CI/CD automation, cloud migrations, and building secure, observable cloud-native systems. Strong collaborator and dependable team player with a passion for mentoring and community involvement.

## Core

### Competencies

Cloud Architecture, IaC, CI/CD, Observability, Automation, Platform Engineering, Migrations, Application Reliability

### Professional Interests

Cloud and on-prem technologies, Self-Hosting and HomeLab Experiments, Open-Source Tooling, Tech Community Events, Emerging AI Trends

## Skills

### CI/CD

GitLab, GitHub Actions, AWS CodePipeline, Jenkins, TeamCity

### GitOps workflow

GitLab, GitHub, CodeCommit, BitBucket

### Infrastructure as Code

AWS CloudFormation, AWS CDK, Terraform

### Containerization

Docker, Docker Compose, ECS/Fargate, ECR, image security/scanning

### Observability

Prometheus, Grafana, Loki, Tempo, OTel, CloudWatch, Datadog

### Cloud Platforms

AWS (preferred), Azure, GCP, Cloudflare

### Operating Systems

Linux (Ubuntu, Debian, RHEL), Windows, macOS

### Automation & Scripting

Bash, YAML, JSON, PowerShell, TypeScript, Python

## Languages

### Romanian

First Language

### English

Fluent Second Language

## Experience

### Azets

DevOps Engineer

[Azets Website](#)

Jul 2019 - Present

UBCO, Timisoara, Romania

### DevOps Engineer / Architect

- Built and maintained the AWS cross-account ADF IaC platform used globally
- Migrated on-prem workloads to AWS (EC2, ECS/Fargate, ECR, Batch) which significantly reduced infrastructure costs
- Post-migration: application support, T&T, Containerization, high-availability and redundancy within AWS
- Improved reliability and security of multiple business-critical applications through automated deployments, hardened IAM, and improved observability
- Designed CI/CD pipelines for multi-environment deployments with GitLab & CodeCommit
- Deployed and maintained serverless applications ( SAM )

### ATOS IT Solutions and Services

Multiple Roles in Delivery

<https://atos.net>

Aug 2011 - Jul 2019

Timisoara, Romania

- **Delivery Cloud Architect & DevOps Engineer**
- **Team Manager** - Aug 2014 – Aug 2015 (1 year)
- **Global Technical Architect for IIS**
- **Systems Engineer**

### *Skills gained:*

Migrations, Application Management, Deployments, Troubleshooting, RCA, Mentoring, Transition and Transformation, Project work

### *Delegations:*

Paris, France – Jan 2017 – March 2017 (3 months)

Alpharetta, GA, USA - Apr 2014 – Aug 2014 (4 months)

Fürth, Germany - Jul 2013 – Feb 2014 (7 months)

Zürich, Switzerland - Aug 2011 – Jul 2012 (1 year)

### Technology List

- WWW / **Web Server** (Nginx, IIS, Apache, Tomcat, Jboss), **Specific Applications** (Tableau, TeamCenter, ReadSoft, Tibco, EDI, Elvis interfaces, QGIS, PeopleINC, etc.), **Proxy / Firewall** (ISA 2006, TMG, Squid), **Content Filtering** (Ikarus, McAfee Webwasher), **Mail** (Sendmail, Postfix, MS Exchange), **File Archiving** (Opentext, IXOS), **Mail Archiving** (Enterprise Vault 8 and 9), **File Sharing** (Samba, proftp, vsftp, etc.), **Database** (MySQL, MSSQL), **ADFS**, SAML, **DNS**

### Siemens IT Solutions and Services

IT Systems Administrator

[Siemens](#)

Aug 2008 - Jul 2011

Timisoara, Romania

### Application Specialist

**Archiving** (IXOS, Enterprise Vault), **mail** (Sendmail), **web server** (Apache, Tomcat, IIS) with MySQL, **Custom Applications** NONSAP (Tibco, EDI, Elvis), **proxy** (Squid, ISA, TMG, McAfee web-washers), **DNS**, Samba

## Projects

- CloudNative Event Key Speaker** April 2024  
Sharing inspirational ideas with communities  
[Event Link](#)
- HomeLab** 2024  
Personal homelab used for experimentation with Proxmox and TrueNAS Scale.  
[Status Page](#)  
hosting, vm, docker, lxc
- Electromobilitate** 2018  
Sharing The Joy of Driving Electric  
<https://electromobilitate.com>  
Created the entire proof-of-concept, platform and cloud infrastructure for this community
- Coach / Mentor** 2017 - present  
Mentored students and peers in developing cloud and DevOps capabilities  
[Example: AzetsLabs](#)  
Worked on behalf of **Atos**, **Azets Norway**, and **UPT** over the years.

## Education

- Polytechnics University (UPT), Timisoara (Romania)** 2006 - 2011  
Computers and Information Technology (AC-CTI) Faculty of Automatics and Computer Science  
[upt.ro](http://upt.ro)  
Graduated as **Engineer** with studies like OOP, Micro-controller programming, Network services, System Theory, Advanced Mathematics

## Certifications

- Solutions Architect Professional** August 2018  
Google Cloud  
Certification ID: zBxjW5
- Solutions Architect Professional** March 2018  
AWS  
License QBP9CMQKJF1Q1GG7
- Solutions Architect Associate** December 2017  
AWS  
License F5DPM0HKC244Q1GF
- ITIL V3 Lifecycle Stream Service Transition** March 2015  
APMG-International
- ITIL V3 Lifecycle Stream Service Operation** November 2014  
APMG-International
- ITIL V3 Foundation IT Service Management** October 2014  
APMG-International