

Cosmin Ilie

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Job Experience

•Elverta Group

Software Director
2018–present

I manage an organization (named Dydeploy) inside the Elverta Holding, focused on providing cloud services built on top of AWS and Kubernetes to other Elverta Holding companies and startups. In addition to building these teams and getting the right people to lead them, I also work with the leaders of other groups and senior engineers to understand their problems and try to architect and build new services that solve them, and can be integrated into the Dydeploy offering and shared with other companies. We're also involved in helping each of these companies run a secure infrastructure and ensure they meet all the necessary security requirements and standards imposed by their clients.

As time permits, I like to roll my sleeves and work with each of the teams on their day to day activities. This usually means that I get to write code, work with the team on normal operations activities, write documentation, create workshops to train new hires, and help in building sales material and occasionally also step into sales calls when needed.

I also work with the Elverta discipline leads and help put together and present workshops and internal events focused on creating a learning culture and improving developer productivity by adopting new practices, tools, and workflows.

•Optimize

**Cloud Services
Manager**
2013—2018

While working in the Cloud Operations group, over time my role increased from running a small operations team to running several teams that included a DevOps team, and internal Tools Development team, a DBA team, and a Platform Development team which handled the deployment of the Optimize application. During this period, we oversaw the transition from our internal datacenter to AWS. I also have held a permanent spot on an architecture council that reviewed important new changes to the main LOB platform.

I was also involved with the local office and local communities by starting a Go meetup in Iasi, presenting at local events as Code Camp, and speaking inside the company at several internal events.

**Software
Manager, Testing
Group** 2010-2013

I lead a small team that grew overtime before eventually moving with me to the Cloud Operations group. During this period the team focus changed from manually maintain testing projects and testing of the installation tools used to deploy the application to building test environment automation and helping solve testing infrastructure problems at scale.

**Software Systems
Administrator**
2008-2010

Responsible for maintaining the application testing environments and environment preparation between testing cycles.

•FEAA

Teaching Assistant | 2009—2011 | Worked for 3 semesters as a Teaching Assistant at the Faculty of Economics and Business Administration, teaching a laboratory for Information Technology in Business.

•RapidSwitch

Support Engineer | 2007—2008 | Supported data center customers by installing and configuring their hosted servers, install applications required by customers, performing backup and recovery of customer data.

Skills

I have experience working with distributed systems and scheduling platforms used to build an internal PaaS, architecting and operating infrastructure systems (e.g deploying and configuring operating systems, packaging, monitoring, logging, etc), cloud migrations and capacity planning, infrastructure automaton using configuration management languages or general-purpose languages and many others. I've also created and hosted multiple internal workshops and boot camps on topics ranging from building cloud-native applications to using Kubernetes to empower developers.

- Programming mostly in Go, but familiar with other languages and shells (Java, JavaScript, Typescript, Bash, Powershell).
- I have a lot of experience working with AWS and their foundational infrastructure services.
- I've worked mostly with RHEL based Linux operating systems but also Windows.
- I have a lot of experience working with containers and the Kubernetes platform but also with a lot of the other CNCF tools.
- Worked with a lot of configuration languages and other types of DLS from puppet a long time ago to more modern systems like Pulumi or AWS CDK.

Languages

English | **Fluent**

Education

2003–2007 | BSc in Economic Informatics from Faculty of Economics and Business Administration, Al. I. Cuza University, Iasi.

Awards

- 2007 | **Third place** in the Imagine Cup student competition at the IT Challenge section held in Seoul, South Korea.
- 2008 | **Second place** in the Imagine Cup student competition at the IT Challenge section held in Paris, France.
- 2009 | **First place** in the Imagine Cup student competition at the IT Challenge section held in Cairo, Egypt.