



# Mihail Mihaylov

Staff DevOps/SRE  
Engineer



## CONTACTS

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📄 <https://misho.dev>

📄 [https://github.com/  
mihailgmihaylov](https://github.com/mihailgmihaylov)

## Skills

|                 |             |
|-----------------|-------------|
| AWS / GCP       | <div></div> |
| Kubernetes      | <div></div> |
| Prometheus      | <div></div> |
| Terraform       | <div></div> |
| Argo/GitOps     | <div></div> |
| ELK             | <div></div> |
| Motivation      | <div></div> |
| Ansible/Puppet  | <div></div> |
| Vim             | <div></div> |
| Golang          | <div></div> |
| ... and more... |             |

## INTRODUCTION

I am a CNCF Bulgaria, OpenFest, TuxCon lecturer with vast experience and passion in open-source technologies and CNCF solutions. A critical thinker.

I have been working in the IT field for some time now and I have found both my passion and my purpose in my profession. After investing years in studying infrastructural engineering best practices, I've finally discovered a platform that seamlessly integrates them - Kubernetes. This has become my gateway to a vibrant community in CNCF, where I find both inspiration and a shared dedication to excellence. I found the same attention to detail and strive for facts that I value in my work in the Prometheus ecosystem.

## WORK EXPERIENCE

03/2022 - Ongoing

### Staff Site Reliability Engineer @ MariaDB Corp.

Database-as-a-Service multi-cloud platform

- Responsible for the reliability of the SkySQL DaaS and MaaS platforms
- Working with hundreds of Kubernetes clusters in GCP and AWS
- Developing internal observability platform
- CD and Infrastructure-as-a-code design and development

10/2017 - 03/2022

### Staff DevOps Engineer @ Receipt Bank / Dext

FinTech Product Software Company

- Developing and maintaining the managed Kubernetes infrastructure of the company
- Performing the migration of all stateless micro-services to containers and container orchestration
- Designing and creating the AWS hosted self-managed Kubernetes clusters
- Designing and implementing a multi-cluster high-available monitoring system

08/2016 - 10/2017

### DevOps Engineer @ Tradeo

E-trading Product Software Company

- Developing and maintaining the cloud automation infrastructure of the company's product
- Enhancing security, availability, and accessibility of the product's infrastructure and developing innovative, state of the art cloud solutions on Google Cloud
- Implementing autoscale, failover and high-availability on crucial applications and databases with Kubernetes, GCloud, Puppet and Ansible

05/2014 - 08/2016

### Cloud Infrastructure Engineer @ Accedia

Software Services company

- Infrastructure consulting of clients and projects
- Database Administration and development
- Infrastructure development and maintenance of the corporate IT cloud environments
- Developing and implementing the CI/CD project pipeline

# EDUCATION

10/2007 - 06/2011

**Bachelor in Informatics “Information systems”**

Faculty of Mathematics and Informatics in Sofia University, Bulgaria

10/2011 -

**Masters in Informatics “Distributed systems and mobile technologies (not finished)”**

Faculty of Mathematics and Informatics in Sofia University, Bulgaria

09/2002 - 06/2007

**High-school education**

High School of Mathematics "Acad. Kiril Popov" - Plovdiv, Bulgaria

2011 - 2012

**CAE - C1 Advanced (English)**

Cambridge Assessment

10/2012 - 05/2014

**DBA @ HP Global Delivery Center**

Software Software Department

- Database administration and support of customer environments
- Troubleshooting, designing, maintaining and tuning databases on all environment types
- Maintaining high-impact heavy-loaded database environments

05/2010 - 10/2012

**Infrastructure and Integrations Engineer @ Musala Soft**

Software Services Company

- System administration and maintenance in a corporate IT environment
- Deployment and troubleshooting of software technologies and tools
- Security and backup responsibilities
- Developing and implementing the CI/CD project pipeline

12/2009 - 05/2010

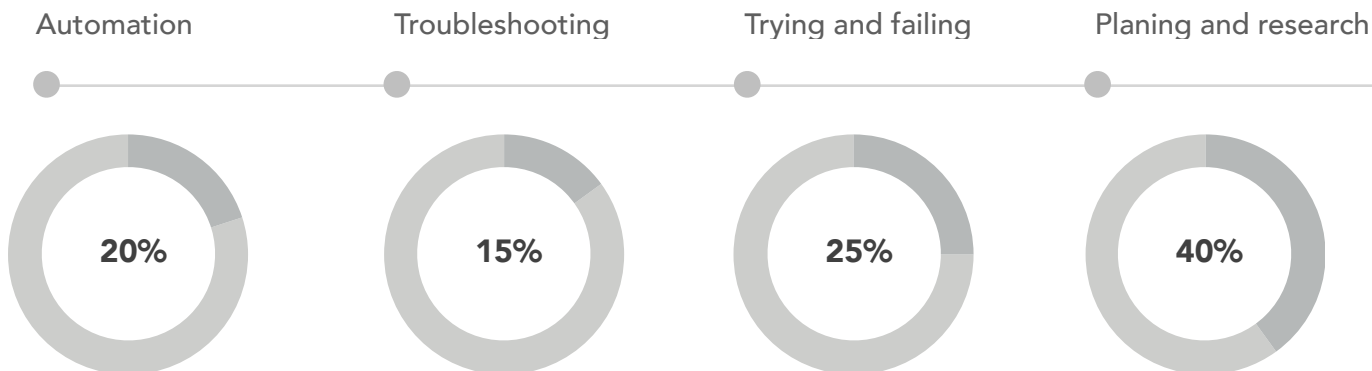
**Web Hosting Technical Support @ Zetta Hosting Solutions Ltd**

Web Hosting

- Support the corporate infrastructure's web hosting services provided by the hosting company like Apache, FTP, SSL, VPS, and personal and corporate websites

# MY DAY TO DAY

I value quality work and in doing so I tend to spend more time planning, testing and troubleshooting. I have found this to be both more valuable in the long term and a good way go gather sustainable knowledge.



# Achievements

**CNCF Bulgaria lectures**

[Prometheus at scale](#) - Jan 2019

[Monitoring and Observability](#) - Jan 2020

[Multi-cloud application autoscaling with Thanos](#) - September 2022

**TuxCon Bulgaria workshop**

[Kubernetes the hard way!](#) - May 2020

**OpenFest 2023 lecture**

[Multi-cloud/cluster monitoring with Kubernetes and Thanos](#) - Nov 2023

# Personal Intrest

Skiing, running GoKart, StarCraft2, CSGO, video editing, fantasy and sci-fi book reading, physics and astronomy.

**Checkout my article about DevOps**

[My Career - DevOps](#) - May 2020