

# Daniel-Andrei Mincă — Site Reliability Engineer

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## Work experience

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### GfK GmbH

*Senior Site Reliability Engineer*

- Promotion to Senior Site Reliability Engineer
- Team Leading responsibilities

**Nürnberg, DE**

*1<sup>st</sup> Nov. 2021 – present*

### GfK SE

*Site Reliability Engineer*

- Kubernetes, IaC, Cloud, On-Prem, GitOps, CI/CD

**Nürnberg, DE**

*1<sup>st</sup> Nov. 2018 – 1<sup>st</sup> Nov. 2021*

### Gameloft

*DevOps Engineer*

- Infrastructure as Code implementation
- Applying best practices of Configuration Management
- Implementing Continous Integration and Continous Deployment + Delivery
- Container Orchestration
- Configure/Manage cloud Infrastructure
- System Administration for both on-premise and Cloud Infrastructure
- Encourage communication between siloed departments

**Bucharest, RO**

*5<sup>th</sup> Sept. 2016 – 31<sup>st</sup> Oct. 2018*

### MarketsWorld

*System Administrator*

Implement SMS alerting for Nagios with Twilio.

**Bucharest, RO**

*1 Jul. 2016 – 5 Sept. 2016*

### MarketsWorld

*Ruby on Rails Developer*

- Implementing features in an Agile manner on a Forex trading platform built on Ruby on Rails.
- Learning the basics of UNIX/Linux commands by debugging the Rails server on a Debian machine.
- Containerize all the microservices involved in the RoR application.
- Automate the local development via Bash scripts that deploy all necessary containers.

**Bucharest, RO**

*1 Mar. 2015 – 1 Jul. 2016*

### SC.COMPLET IT.SRL

*Entrepreneur*

Launched a Web Design/Development startup for deploying websites for numerous clients.

**Giurgiu, RO**

*Sept. 2010 – 1 Jul. 2016*

## Recent certifications

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### CNCF

*Certified Kubernetes Administrator*  
verify credentials

*29<sup>th</sup> Aug. 2021 – 10<sup>th</sup> May 2022*

### Google Cloud Platform

*Professional Cloud Architect*  
verify credentials

*4<sup>th</sup> Dec. 2020 – 4<sup>th</sup> Dec. 2022*

## Training

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### Telecom Academy

Java - Distributed Systems certification, EQF Level 6

Bucharest, RO

10 Sept. 2014 – 7 Feb. 2015

#### Skills achieved:

- developing GUI applications, multi-threaded apps, MySQL/Oracle database design
- apply security principles in apps communication protocols
- implement standard communication protocols HTTP, IMAP, POP3

### UNCTAD - United Nations Conference on Trade and Development

Giurgiu

Entrepreneurial Training Workshop certification, EQF Level 6

7 Nov. 2014 – 15 Nov. 2014

Gained experience in becoming more efficient, establishing challenging objectives et. al.

### Telecom Academy

Java Fundamentals certification, EQF Level 6

Bucharest, RO

26 May 2014 – 15 Aug. 2014

### Crystal Mind Academy

Web Designer certification, EQF Level 6

Bucharest, RO

Jun. 2013 – Feb. 2014

## Education

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### Faculty of Cybernetics Statistics and Economic Informatics - ASE

IT&C Security Masters Degree, EQF Level 6

Bucharest

2016 – 2018

## Master thesis

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IT&C Security Masters: The Security of Docker Containers

Supervisor: Lect. Dr. TOMA Cristian

**Abstract:** The default Docker configuration is not as secure as it seems, and requires some tweaking. UNIX capabilities, cgroups, SELinux are good assets for hardening the Docker Engine.

## Languages

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Romanian: native

German: B1

English: C1

## Programming/scripting skills

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Go, Python, Ruby, Bash/Shell, Groovy, Java

## Technologies XP

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Cloud Providers: GCP, AWS

Configuration management: Ansible, Puppet

Containers: Docker, docker-compose, containerd, Kubernetes, k3d

IaC: Terraform

CI/CD: GoCD, GitLab CI, Jenkins

**Others:** Linux, Networking, VCS, Open-Source contributor