Daniel-Andrei Mincă — Site Reliability Engineer

✉ mallard-broad0q@icloud.com • 🌐 dminca.codeberg.page

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Work experience

GfK SE **Nürnberg, DE**
Senior Site Reliability Engineer 1st *Nov. 2021 – present*
- Promotion to Senior Site Reliability Engineer
- Team Leading responsibilities

GfK SE **Nürnberg, DE**
Site Reliability Engineer 1st *Nov. 2018 – 1st Nov. 2021*
- Kubernetes, IaC, Cloud, On-Prem, GitOps, CI/CD

Gameloft **Bucharest, RO**
DevOps Engineer 5th *Sept. 2016 – 31st Oct. 2018*
- 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

MarketsWorld **Bucharest, RO**
System Administrator *1 Jul. 2016 – 5 Sept. 2016*
Implement SMS alerting for Nagios with Twilio.

MarketsWorld **Bucharest, RO**
Ruby on Rails Developer *1 Mar. 2015 – 1 Jul. 2016*
- 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.

SC.COMPLET IT.SRL **Giurgiu, RO**
Entrepreneur *Sept. 2010 – 1 Jul. 2016*
Launched a Web Design/Development startup for deploying websites for numerous clients.

Recent certifications

CNCF
Certified Kubernetes Administrator 29th *Aug. 2021 – 10th May 2022*
verify credentials

Google Cloud Platform
Professional Cloud Architect 4th *Dec. 2020 – 4th Dec. 2022*
verify credentials

Training

Telecom Academy   **Bucharest, RO**
Java - Distributed Systems certification, EQF Level 6   *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   **Bucharest, RO**
Java Fundamentals certification, EQF Level 6   *26 May 2014 – 15 Aug. 2014*

Crystal Mind Academy   **Bucharest, RO**
Web Designer certification, EQF Level 6   *Jun. 2013 – Feb. 2014*

Education

Faculty of Cybernetics Statistics and Economic Informatics - ASE   **Bucharest**
IT&C Security Masters Degree, EQF Level 6   *2016 – 2018*

Master thesis

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

Romanian: native
German: B1
English: C1

Programming/scripting skills

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

Technologies XP

Cloud Providers: GCP, AWS
Configuration management: Ansible, Puppet
Containers: Docker, docker-compose, containerd, Kubernetes, k3d
IaC: Terraform
CI/CD: GoCD, GitLab CI, Jenkins, Atlassian Bamboo

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