

# Dumitru - Cosmin Simion

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## Work Experience

FEBRUARY 2025 – PRESENT

### Senior DevOps Engineer | Cembra | Zürich, Switzerland

- Own and support critical Tier 1 applications, ensuring high availability and performance
- Drive automation efforts and improve operational efficiency across environments
- Troubleshoot complex issues and coordinate incident response with internal and external teams
- Manage deployments, changes, and lifecycle activities while maintaining stability
- Collaborate with vendors and DevOps teams to optimize platform reliability and delivery

**Skills:** Ansible, Red Hat Enterprise Linux (RHEL), OpenShift, Kubernetes, Docker, Python, Git, Oracle Database, Shell Scripting (Bash), Splunk, IBM MQ, Grafana, JIRA, Confluence, ServiceNow, Scrum, Agile, CI/CD, DevOps.

MAY 2021 – JANUARY 2025

### Senior System Engineer and Engineering Resource Manager | EPAM Systems | Zürich, Switzerland

- Successfully migrated a key banking application from Solaris to RHEL without documentation, ensuring seamless system functionality.
- Redesigned the deployment structure using Ansible, reducing human error and cutting deployment time from 1 week to 2 hours.
- Restructured Git repositories to better organize CH and EMEA package separation, streamlining regional deployment processes.
- Served as Scrum Master, leading efforts to drive agile adoption and improve team collaboration.
- Led DevOps hiring, leveraging my expertise to secure top candidates for the company.
- Expanded my team and accelerated upskilling initiatives, driving increased productivity and overall performance improvements.

**Skills:** Ansible, RHEL, Solaris, Perl, Python, Git, Oracle DB, Shell, Bash, Splunk, AppDynamics, Tomcat, Apache, Java, IBM MQ, Grafana, JIRA, Confluence, ServiceNow, Scrum, Agile, CI/CD, DevOps

FEBRUARY 2018 – APRIL 2021

### Application Support Lead | Amdocs | Bucharest, Romania

- Redesigned Ansible deployments, creating a more customizable and user-friendly solution for faster customer adoption.
- Transitioned the monitoring system from Zabbix to Prometheus, enhancing system observability and performance.
- Successfully led the negotiation and technical consultation that resulted in a contract renewal, securing the customer's commitment to upgrade to the latest software version—highlighting the business value and technical benefits of the upgrade.
- Built and managed global DevOps and support teams, ensuring seamless operations and coordination across regions.

**Skills:** Tomcat, Kubernetes, AWS, Ansible, Nginx, Jenkins, Maven, Java, Python, ELK, MongoDB, MariaDB, Oracle DB, Docker, Shell, Bash, RabbitMQ, Kafka, Git, Zabbix, Prometheus, Grafana, Kibana, RHEL

MAY 2017 – FEBRUARY 2018

### Senior DevOps Engineer | Deutsche Bank | Bucharest, Romania

- Migrated all deployments to Ansible, reducing human error by 80% and significantly improving deployment accuracy.
- Managed the release process for multiple banking applications, fostering stronger relationships with stakeholders and developers, which resulted in a 40% increase in release delivery speed.

**Skills:** Tomcat, WebLogic, Glassfish, Apache, Ansible, Jenkins, TeamCity, Java, Python, Oracle DB, Shell, Bash, Git, SVN, Linux, Windows

AUGUST 2015 – APRIL 2017

**Senior Technical Support Engineer | Oracle | Bucharest, Romania**

- Automated the handling of repetitive tickets, such as documentation requests and product version inquiries, reducing resolution time from 1 week to just 10 minutes, significantly enhancing operational efficiency.
- Developed a baseline of tools and virtual machines (VMs) that enabled newly hired engineers to become productive more quickly, reducing setup time and knowledge acquisition, allowing the company to benefit from new engineers immediately.

**Skills:** Linux, Solaris, WebLogic, MySQL, Oracle Database, Java, REST, SVN, Hudson, Jenkins

MARCH 2012 – AUGUST 2015

**System Administrator | ABS Laundry Business Solutions | Bucharest, Romania**

- Built a comprehensive monitoring system from the ground up using Zabbix, significantly increasing customer satisfaction and leading to contract renewals.
- Managed the Escrow process, requiring extensive knowledge of application stages from development to installation and configuration, which resulted in increased contracts due to enhanced customer trust in the Escrow software deposit.
- Designed a process and software solution that reduced QA errors by 60%, improving overall product quality.
- Replaced Windows with Linux, increasing system stability and reducing licensing costs.
- Built and managed high-performing system administrator teams through effective hiring, testing, and ensuring top-tier talent.

**Skills:** Windows, Linux, UNIX, Java, Visual Basic, C/C++, SQL, PostgreSQL, Oracle, Zabbix, Munin, Nagios, Jenkins

## Educational Background

2014-2021

**Master of Science in Project Management | National University of Political Studies and Public Administration | Bucharest, Romania**

2007-2014

**Bachelor of Computer Science | University POLITEHNICA of Bucharest | Bucharest, Romania**

## Certifications

- Project Management Professional (PMP)
- Professional Scrum Product Owner I (PSPO I)
- Professional Scrum Master I (PSM I)
- Google Cloud Associate Cloud Engineer
- Google Project Management
- Site Reliability Engineering: Measuring and Managing Reliability
- Crash Course on Python
- Oracle Database 11g Administrator Certified Associate