

**Joshua A. Roche**

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**Profile**

*Focused and diligent DevOps professional specializing in Cloud systems and infrastructure with knowledge and experience for many different platforms and technologies.*

Professional Experience

**Operations Engineer**

AnyDesk Software, GmbH

*Stuttgart, Germany*

* Deployed, maintained, monitored, updated, and replaired over 600 cloud servers,
* Installed, managed, monitored, and updated 8 PostgreSQL production database servers including replication and recovery
* Created production and staging cloud containerized applications utilizing Kubernetes and Docker
* Migrated a worldwide Icinga2 customized monitoring system to Prometheus
* Installed, monitored, and maintained Apache Tomcat, Wildfly, Quarkus, and NGINX application and web servers as well as Quarkus and FastAPI into our production environment
* Developed automation for operational tasks using Ansible, Python, and BASH Scripting

**Tier II AWS Systems Administrator**

Superlative Technologies, Inc.

*Vaihingen, Germany*

* Utilized Amazon Web Services (AWS) to build virtual machines, add storage, configure network adapters, and view performance metrics in a virtualized environment
* Managed RHEL hosts, Apache Tomcat application servers, NGINX web servers
* Tier II user support for DoD Global Video Services 2 (GVS2) platform

**United States Army -** Staff Sergeant

1 August 2001 to 1 September 2021

*MOS 25S*

Satellite Communications Operator/Maintainer

Education

**Bachelor of Science in Computer Science**

Graduated: December 2021

*University of Maryland, Global Campus*

*Adelphi, Maryland*

Education

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Graduated: December 2021

University of Maryland, Global Campus, Adelphi, Maryland

Certifications

**CompTIA Security+ CE**

*(30 August 2019)*

**CompTIA Cloud+**

*(3 October 2020)*

**AWS Certified Cloud Practitioner**

*(21 November 2020)*