



Oliver Ziegert

DevOps Engineer

Education

- 2016–2019 **Master (M.Sc.)**, *Ostbayerische Technische Hochschule (OTH)*, Regensburg
Computer Science - Software Engineering
- 2012–2016 **Bachelor (B.Sc.)**, *Ostbayerische Technische Hochschule (OTH)*, Regensburg
Computer Science
- 1997-2011 **Abitur**, *Staffelsee-Gymnasium (SGM)*, Murnau
Allgemeine Hochschulreife in den Naturwissenschaften

Master thesis

- title *Evaluation und Konzeptionierung eines sicheren Online Marketplace am Beispiel von DRACoon*
- supervisors Prof. Dr. Christoph Skornia
- description Erarbeitung eines Konzepts und Aufbau eines Prototyps für die Anbindung eines Marketplaces am Beispiel von DRACoon. Fokus lag dabei auf der Sicherheit der verarbeiteten Daten sowie Kontrolle durch den Benutzer.

Experience

Vocational

- 2021–today **Head of Cloud Operations**, *DRACoon GmbH*, Regensburg
Description will follow soon.
- 2018–2021 **Senior Operations Engineer**, *DRACoon GmbH*, Regensburg
Description will follow soon.
- 2016-2018 **Junior IT Systems Engineer**, *DRACoon GmbH*, Regensburg
Description will follow soon.
- 2015–2016 **Consultant**, *ibi systems GmbH*, Regensburg
Description will follow soon.
- 2010–2012 **Selbstständig**, *Computer-Ziegert*, Murnau
Description will follow soon.
- 2009-2015 **Event technician**, *Pro-PA Veranstaltungstechnik*, Hohenfurch
Description will follow soon.

Miscellaneous

- 2023 **Certified Kubernetes Security Specialist (CKS)**, *CNCF*, Online
Description will follow soon.
- 2023 **Certified Kubernetes Application Developer (CKAD)**, *CNCF*, Online
Description will follow soon.

– 930xx – Regensburg

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- 2023 **Certified Kubernetes Admin (CKA)**, CNCF, Online
Description will follow soon.
- 2019 **Ceph**, Linuxhotel, Essen
Description will follow soon.
- 2019 **Elasticsearch Engineer I & II**, Elastic, Hamburg
Description will follow soon.
- 2018 **Master thesis**, DRACOOON GmbH, Regensburg
Evaluation und Konzeptionierung eines sicheren Online Marketplace am Beispiel von DRACOOON
- 2016 **Bachelor thesis**, SSP Europe GmbH, Regensburg
Evaluation eines sicheren und automatisierten SDS-Deployment im Clustert

Languages

German C2 Native speaker
 English B1-B2 Intermediate - Upper intermediate

Skills

	Level	Skill	Years	Comment
OS:		Linux	10	CentOS 7, Rocky Linux 8/9, Flatcar Container Linux, Debian 11, Raspberry Pi OS
		MacOS	6	Daily workstation
		Windows	25	Only for gaming
Language:		Bash	10	With Ansible, daily administration tools for Linux VMs
		SQL	6	Daily business (MariaDB)
		Python	5	Wrote smaller scripts, to automate jobs
		Java	8	Daily business reading java code, I don't write a lot
		Golang	3	Build smaller projects and applications
		Rust	1	Just started to learn Rust
		LaTeX	7	In the end I get the result, I was looking for
	Tools:		Ansible	7
		Terraform	2	Central infrastructure management (VMs, DHCP, DNS, SDN)
		Packer	2	VM base template automation
		Helm	3	Package manager for Kubernetes
		Git	10	Version control for all changes (change management)
Software:		MariaDB	8	Single node instances as well as Galera cluster operations, performance tuning and optimization

		RabbitMQ	4	<i>Central broker for event system (design and configuration of single nodes or cluster)</i>
		Elasticsearch	5	<i>Log management, APM, SIEM, full text search and anomaly detection</i>
		Bitbucket, GitLab, Github, Gitea	7	<i>Code management, single point of truth for IaC or CI/CD for</i>
		Atlassian Suite	7	<i>Jira, Confluence, Bitbucket, Opsgenie, Statuspage</i>
		ArgoCD	2	<i>Continuous rollout of Git Ops based repositories</i>
Storage:		NFS	7	<i>Operation and troubleshooting of central storage servers</i>
		Ceph	4	<i>Central scalable S3 storage cluster, persistent storage for Kubernetes</i>
		S3 (Minio, Ceph RadosGW)	4	<i>Storage of customer data & backups incl. policies, versioning & replication</i>
Virtualization:		VMware vCenter/NSX-T	7	<i>Productive deployment of all VMs at DRACoon - seamless integration with Ansible & Terraform</i>
		OpenStack	3	<i>Operation of development VMs, linking network between OpenStack and VMware</i>
		Proxmox, XCP-ng	4	<i>Private hosted cluster for LXC-containers & VMs</i>
Containerization:		Docker, -Compose	8	<i>Tool chain for container image development</i>
		containerd	2	<i>Main container runtime, especially for Kubernetes</i>
		Kubernetes	4	<i>Using Kubespray.io deployment of several clusters</i>
		OpenShift/OKD	3	<i>Basic knowledge about differences to Kubernetes</i>
Monitoring:		Zabbix, Elastic, Prometheus Stack	7	<i>Central internal monitoring system</i>
		Opsgenie, Pingdom	4	<i>Escalation management and external monitoring</i>
		Statuspage	4	<i>External status report for customers</i>
Methods:		Kanban	2	<i>Organize tasks for Cloud Operations teams</i>
		SCRUM	1	<i>Close cooperation with Development in a DevOps manner</i>

Interests

Winter sports Skiing
 Hiking in the mountains
 Climbing Indoor

*Company, Inc.
123 somestreet
some city*

Dear Sir or Madam,

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis ullamcorper neque sit amet lectus facilisis sed luctus nisl iaculis. Vivamus at neque arcu, sed tempor quam. Curabitur pharetra tincidunt tincidunt. Morbi volutpat feugiat mauris, quis tempor neque vehicula volutpat. Duis tristique justo vel massa fermentum accumsan. Mauris ante elit, feugiat vestibulum tempor eget, eleifend ac ipsum. Donec scelerisque lobortis ipsum eu vestibulum. Pellentesque vel massa at felis accumsan rhoncus.

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Albert Einstein discovered that $e = mc^2$ in 1905.

$$e = \lim_{n \rightarrow \infty} \left(1 + \frac{1}{n}\right)^n$$

Yours faithfully,

Oliver Ziegert

Attached: curriculum vitæ

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