Alex Khaerov

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A seasoned professional with more than ten years of experience in software engineering and cloud architecture. Responsible for designing and implementing large and mid-scale distributed systems in virtualization, cloud supply channel distribution (marketplace), and financial institutions with a focus on infrastructure, automation, and maintainability.

Took a part in designing and engineering solutions and products like [OpenVZ](), [Parallels Business Automation](), [Ingram Micro Connect](), and [Chainstack]() platform.

Relevant tech stack: Python (Flask/Django), Go. Kubernetes, GCP/Azure, Helm, Terraform, Vault, and Prometheus, Grafana. Practical experience with K8s CNI and CSI. Open source contributor and helm-gcs maintainer.

Professional experience

Dec 2019 – present	**Senior Manager SRE**, Prudential, Singapore Delivery architecture for greenfield infrastructure foundations (with Azure and GCP), advocate for and implement modern methodologies and solutions like cloud-native delivery (ArgoCD, Helm), "shift-left" services provisioning for developers, and infrastructure "self-services". Lead modernization and maintainability improvement for Terraform codebase. Supervise automated testing adoption in infrastructure. **Achievements:** Launched designed and implemented from scratch GCP-based infrastructure foundation in 2 geo-locations with successfully migrated target applications, overall in 5 months.
Sep 2018 – Dec 2019	**DevOps Technical Leader,** [Chainstack]() ([Acronis' spinoff]()), Singapore Led by example a group of engineering responsible for the core platform development and operations. Infrastructure startup with complex node orchestration across multi-clouds (GCP, Azure, AWS), heavily on python and go and kubernetes. Acted as a solution architect and system developer. **Achievements:** Dev team was hired and activated. The first platform release [was performed in 9 months]() for early adopters.
Dec 2015 – Sep 2018	**Software Engineering Manager,** [Ingram Micro Cloud]() Managed the development team responsible for [Ingram Micro Connect marketplace]() running on a Python/Django-Flask/JS/Vue-Angular stack, was responsible for both people and technical product management.
May 2011 – Dec 2015	**Senior Software Engineer & Team Leader (Infrastructure),** [Parallels]() Worked as a python software engineer in test and automation, then was in charge of internal "cloud" and dev tools and service.

Education

2006-2011 Master's degree, *Computer Systems Networking and Telecommunications* University of Telecommunications and Informatics, Russia.