

Alex Khaerov

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Technology leader with 12+ years of global experience in cloud infrastructure, platform engineering, and software development. Proven track record of architecting and implementing large-scale distributed systems, cloud-native solutions, and global network backbones. Expertise in leading high-performing engineering teams, driving DevOps culture, and aligning technology strategies with business objectives. Passionate about leveraging GenAI (Machine Learning) for infrastructure optimization and creating sustainable self-serve platforms.

Core Competencies

- Building and nurturing high-performing, cross-functional engineering teams
- Cloud-native software architectures and distributed systems
- Infrastructure Developer Platforms (IDP) and self-service solutions
- GenAI (Machine Learning) applications in infrastructure engineering space

Professional Experience

Director, Cloud Foundation Engineering

Prudential, Group Technology | Singapore | Dec 2019 - Present

- Lead the Cloud Foundation Platform strategy and technological excellence, overseeing a diverse teams of infrastructure engineers, software developers, and engineering managers.
- Manage infrastructure and platform solutions enabling dynamic provisioning and application rollout across IaaS, cloud-native container-based solutions, API gateways, and global ecosystem network backbone.
- Curate delivery processes and ceremonies guiding the cloud platform roadmap, ensuring seamless coordination with other departments and external contractors.
- Foster a culture of resonance within engineering teams, aligning with company vision and objectives.

Software Engineering Manager

Chainstack (Acronis spin-off) | Singapore | Sep 2018 - Dec 2019

- Shaped the direction of a nascent engineering team focused on infrastructure-intensive cloud services for digital ledger technology.
- Assembled and led a high-performing global engineering team guided by cloud-native and microservice-oriented platform architecture principles.
- Drove projects from conception to successful launch, contributing significantly to the company's growth plans.
- Collaborated closely with product managers to align technical initiatives with strategic priorities.

Software Engineering Manager

Ingram Micro Cloud | Irvine, CA | Dec 2015 - Sep 2018

- Managed a Software Development Unit of 35 developers across three teams, including one remote team.
- Led the design, development, and implementation of the APS Connect service using Python/Django-Flask, JS/Vue-Angular, and cloud hosting in GCP/AWS.

- Oversaw comprehensive project management from planning and architectural design to execution, coordinating with program managers and various departments.
- Conducted code reviews and acceptance testing to ensure high-quality software solutions.

DevOps Manager & Sr. Software Developer

Parallels | Moscow, Russia | May 2011 - Dec 2015

- Served dual roles overseeing the development and enhancement of the Parallels Business Automation product.
- Fostered a collaborative environment promoting continuous integration and deployment, streamlining workflows and enhancing software quality.
- Designed and developed key product features, ensuring optimal performance and reliability.

Education

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

Professional Qualifications

- GCP Professional Cloud Architect, GCP Professional Cloud Security Engineer, GCP Associate Cloud Engineer, HashiCorp Certified: Terraform Associate, Kubernetes Networking and Security using Calico

Open Source Contributions

Maintainer of helm-gcs, a helm plugin enabling management of private Helm repositories on Google Cloud Storage bucket and occasional contributor to Terraform, Chaos Mesh, and Azure documentation.

Patents

- US20180300115A1: Technologies for creating and distributing integration connectors in a cloud service brokerage system
- US20180191718A1: Technologies for securely extending cloud service APIs in a cloud service marketplace
- US20190132410A1: System and method for integrating cloud applications into a cloud service broker platform using an automated, universal connector package