Alex Khaerov
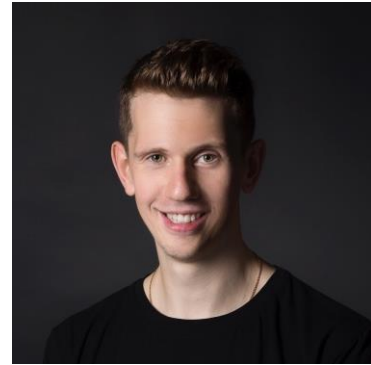
Phone: +65 83170733
Email: alex@hayorov.me
Web: hayorov.me | GitHub: @hayorov
Location: Singapore, Worldwide

Director of Infrastructure Engineering and/or
Head of Private and Cloud Computing

A seasoned software development leader with over 10 years of experience in technical leadership and designing large-scale distributed systems. I specialize in implementing virtualization, cloud supply channel distribution, and decentralized digital ledger projects. My focus on infrastructure and automation has led to a proven track record of delivering exceptional results for companies like OpenVZ, Parallels Business Automation, Ingram Micro Cloud Blue Connect, and Chainstack.

I excel in transforming business requirements into robust software solutions from scratch and am equally adept at working with legacy systems. My expertise lies heavily in distributed systems, with a focus on cloud native and SRE/DevOps methodologies. I prioritize toil elimination and am experienced with a technology stack that includes Python (Flask/Django/Postgres), Go, Kubeflow, and MongoDB. I have a particular affinity for Kubernetes, GCP/Azure, Hashi Corp Terraform, and advanced Prometheus/Grafana usage.

Experience

❖ **Assistant Director, Cloud Engineering** *Prudential, Group Technology, Singapore* (Dec 2019 – Present)

As a seasoned technical leader, my scope of responsibility extends well beyond the realms of typical software and infrastructure development. My role often overlaps with critical operational and business facets, including contract negotiations and collaborations with partners and vendors, all aimed at enhancing our cloud infrastructure.

A significant part of my work revolves around strategizing cloud adoption and optimization. I'm actively involved in crafting and implementing plans that seamlessly align with the company's vision while maximizing the potential of our cloud platforms.

Beyond the technology itself, I consider team development an essential part of my role. I have been instrumental in hiring top-tier engineers and ensuring their continued growth within the organization. My passion for technical mentorship enables me to provide guidance, share invaluable insights, and cultivate an environment that encourages continuous learning and improvement. In sum, my role as a technical leader is a harmonious blend of driving both technological innovation and personnel success

❖ **Software Engineering Manager,** *Chainstack (Acronis' spinoff), Singapore* (Sep 2018 – Dec 2019)

I had the unique opportunity to shape the direction of a nascent engineering team focused on infrastructure-intensive cloud services for digital ledger technology. My responsibilities ranged from talent acquisition and team management to the strategic planning and execution of our technology road map.

I successfully assembled and led a high-performing global engineering team, guided by the principles of cloud-native and micro service-oriented platform architecture. We worked in close collaboration with product managers and owners to align our technical initiatives with the company's strategic priorities.

Through this role, I honed my ability to work under pressure and deliver exceptional results within tight deadlines. I was instrumental in driving the projects from conception to successful launch, proving my capacity to operate strategically, shape robust technology solutions, and contribute significantly to the company's growth plans. In essence, I led from the front, uniting leadership skills, technical expertise, and strategic foresight to achieve remarkable results.

❖ **Software Engineering Manager** *Ingram Micro Cloud, Irvine, CA* (Dec 2015 − Sep 2018)

I oversaw both the technical and operational aspects of a dynamic Software Development Unit consisting of approximately 35 developers across three teams, including one remote.

My day-to-day responsibilities encompassed comprehensive project management − from planning and architectural design to execution of development projects in coordination with program managers and various other departments. I was deeply involved in the technical aspects, participating in code reviews and acceptance testing to ensure the delivery of high-quality software solutions.

Despite an intensive meeting schedule, which covered everything from ongoing projects to new initiatives and ideation sessions, I was able to maintain a keen focus on strategic execution and team productivity.

I was at the helm of a talented software development team dedicated to designing, developing, and implementing the APS Connect service. Our technology stack included Python/Django-Flask, JS/Vue-Angular, and we leveraged the capabilities of cloud hosting in GCP/AWS.

❖ **DevOps Manager & Sr. Software Developer** *Parallels, Moscow, Russia* (May 2011 − Dec 2015)

I served dual roles as a DevOps Manager and Senior Software Engineer, overseeing the development and enhancement of the Parallels Business Automation product. My leadership fostered a collaborative environment promoting continuous integration and deployment, streamlining workflows and enhancing software quality. As a Senior Software Engineer, I applied my technical acumen to the design and development of 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
❖ Hashi Corp Certified: Terraform Associate
❖ Kubernetes Networking and Security using Calico

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

Public Speaking

As an active participant in technical conferences, I enjoy public speaking to share knowledge and insights, stay updated with the latest technologies, and expand my network. I believe in the power of communication and strive to contribute to the tech community through meaningful dialogues.