

NAHUM LITVIN

Lead Platform Engineer

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SUMMARY

I run the multi-region Kubernetes platform that sandboxes untrusted code for 2.5% of all websites, and fix production failures at the source, upstream when needed. 18 years across platform and backend engineering.

KEY ACHIEVEMENTS

- ◆ **\$2.5M+ a year**
cloud cost cut across Wix, Landa and HiredScore
- ◆ **20x / 10x**
faster builds / deploys at Landa
- ◆ **30%**
better cold start and request time at Velo
- ◆ **10x**
fewer customer incidents at SAP

OPEN SOURCE

- [gVisor #14549](#): 30s deadline on runsc shim calls
- [gVisor #14201](#): fail-stop the sentry on a stuck systrap
- [containerd #13799](#): bounded snapshot GC so a stuck call can't block pods
- [soci-snapshotter #2043](#): fix an fd leak in spancache
- [security-profiles-operator #1994](#): fix AppArmorProfile owner lookup

EXPERIENCE

- **03/2023 - Present** • **Lead Platform Engineer** [Velo by Wix.com](#)
 - Led the move off GCP to AWS-only: 6 EKS clusters, 3 regions, for Wix's Velo platform (2.5% of all websites)
 - Scaled the fleet ~16k to ~36k req/min, doubling clusters for new LLM-agent and dev-machine products
 - Cut cloud cost ~\$1M/yr onto Wix standard systems; +~\$400k/yr from rightsizing and scheduler work
 - Hardened untrusted-code isolation (gVisor, network policy); fixed a production container-isolation vulnerability across all clusters
- **09/2022 - 03/2023** • **Solo Infrastructure Engineer** [Landa.app](#)
 - Rebuilt the cloud infrastructure alone; developers deployed on their own, several times a day
 - Saved \$800k a year on cloud spend
- **02/2021 - 09/2022** • **Senior Platform Engineer** [HiredScore by Workday](#)
 - Led the company's first migration of core services from ECS to EKS
 - FinOps lead: spot, savings plans and RIs saved \$800k a year
- **05/2018 - 02/2021** • **CI/CD DevOps Engineer** [Gigya by SAP](#)
 - Made ~500 CI jobs reuse one built-and-distributed test framework instead of each rebuilding it (5-min build, 1-min run), ~6x faster
 - Rebuilt configuration deployment; migrated internal tools from OpenStack to AWS
- **10/2016 - 05/2018** • **Senior Backend Engineer** [Gigya by SAP](#)
 - Broke up the monolith into .NET microservices; cut test run time 10x
- **09/2015 - 10/2016** • **Senior Software Engineer** [MTN Technologies LLC](#)
 - Built the lead enrichment system and a Hadoop/Spark data warehouse on AWS
- **04/2014 - 09/2015** • **Backend Software Engineer** [Votiro](#)
 - Lead server-side developer; introduced Continuous Delivery with one-click production deploys
- **07/2011 - 06/2014** • **Software Engineer** [Transway](#)
 - Cut artifact creation from a day to minutes; .NET services for fare hardware

SKILLS

[AWS](#) [EKS](#) [Kubernetes](#) [Terraform](#) [ArgoCD](#) [Karpenter](#) [gVisor](#) [containerd](#) [Go](#) [Python](#)
[Prometheus](#) [Grafana](#) [FinOps](#)

EDUCATION

B.Sc. Computer Science, The Open University of Israel, 2010 - 2017 • **CKA**, The Linux Foundation