Anton Kovalenko Senior GCP Engineer

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PROFILE SUMMARY

- **Senior GCP Engineer** with **8 years** in fintech and ride-hailing infrastructure, now running the **Google Cloud** platform behind card payments and fraud checks at a global digital bank.
- Daily work in **GKE**, **Terraform**, **VPC Service Controls**, **Shared VPC**, **Cloud Monitoring** and **BigQuery**, with **Python** and **Go** for tooling and the **Professional Cloud DevOps Engineer** certification.
- Strongest in **cluster upgrades without downtime**, **perimeters around card data** and **compute cost planning**, and tries every risky change in dry-run or canary mode first.
- Works with **security**, **payments engineering** and **compliance** on PCI DSS evidence and change approvals, and joins the incident bridge for anything on the platform.
- Mentors **3 engineers** on GKE and Terraform, runs the fortnightly **platform design review**, and wrote the internal guide to **VPC Service Controls dry runs**.

TECHNICAL SKILLS

Compute & Serverless:	GKE Standard, GKE Autopilot, Compute Engine, Spot VMs, Cloud Run
Networking & Edge:	Shared VPC, Private Service Connect, HA VPN, Cloud NAT, Cloud Load Balancing, Cloud Armor
Identity & Security:	Cloud IAM, VPC Service Controls, Workload Identity Federation, Cloud KMS (CMEK), Security Command Center
Data & Storage:	BigQuery, Cloud SQL, Spanner, Cloud Storage, Pub/Sub
IaC & CI/CD:	Terraform, Helm, Argo CD, GitLab CI, Artifact Registry
Observability & FinOps:	Cloud Monitoring, Prometheus, Grafana, committed use discounts, billing export to BigQuery
Languages & Certifications:	Python, Go, Bash, Professional Cloud DevOps Engineer

EDUCATION

Tallinn University of Technology — M.Sc. in Computer and Systems Engineering — Tallinn, Estonia · Sep 2016 to Jun 2018

Google Cloud — Professional Cloud DevOps Engineer — London, UK · Nov 2023

WORK EXPERIENCE

Revolut — Senior Cloud Engineer (GCP) — London, UK · Mar 2022 to Present

- Moved 26 **GKE** Standard clusters for the payments and card services onto release channels with maintenance windows and surge upgrades, so each one now upgrades within **3 weeks** of a new version.
- Put the card data projects behind **VPC Service Controls** perimeters with ingress rules for 14 approved services, after a 6-week dry run that caught **31** calls that would have broken at enforcement.
- Designed the **Shared VPC** and Private Service Connect layout for 4 new country launches, with regional subnets, Cloud NAT and HA VPN to card network partners, each live in under **6 weeks**.
- Rewrote the **Terraform** project factory with folder-level organization policies for data residency, so a new country's projects come up in **1 day** instead of 2 weeks.
- Moved steady compute to 3-year **committed use discounts** and ran the batch fraud scoring jobs on Spot VMs, cutting the yearly compute bill by **£1.4M** with every job deadline still met.

Bolt — DevOps Engineer — Tallinn, Estonia · Jul 2018 to Feb 2022

- Ran the **Kubernetes** clusters behind the ride-hailing dispatch services with Helm and **Prometheus**, keeping the dispatch API at **99.95%** uptime through 3 winter demand peaks.
- Moved 140 services from hand-made Jenkins jobs to **GitLab CI** pipelines built from shared templates, cutting the median build and deploy time from 24 minutes to **9**.
- Set up **PostgreSQL** replicas and monthly restore tests for the payments databases, and found **2** backup jobs that would never have restored before anyone needed them.