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- → github.com/qugu
- → http://bit.ly/timofei

Porto, Portugal (permanent), Occasional on-site: London / Dublin / Madrid +351 (91) 197-79-89

I'm a highly qualified engineer and systems builder with a creative approach and a sense of humour. I design complete end-to-end scalable cloud solutions, implement complex CI workflows, relieve alert fatigue, and more. Security-centric and fix things with code, minding observability aspects. I advocate for cloud-native open-source technologies whenever possible. I value rational, data-driven decisions to problems and express a holistic approach to delivering projects. An agile mindset allows me to move fast and break things, learning the lessons along the way.

I operate with a team-lead/tech-lead mindset and am comfortable helping teams grow, be that interviewing, mentoring or helping people grow within teams. I enjoy working at both the strategic and operational - planning out strategy and long-term goals, versus hands-on execution of the near term. I lead cross-team projects with a strong communication and transparency approach. I'm highly inspired by psychological safety at the workplace and embrace environments where continuous improvement is achieved through honesty, candor and no-blame culture.

Excited to discuss remote-first, full-time **Platform Engineering** (Experience / DevOps / SRE) opportunities with a lean towards building lean, observable systems and self-service tools. I'm experienced in multiple workflows, including ongoing support, writing code, and amplifying the visibility of that work. Sometimes, I even deliver valuable code reviews.

Work Experience - Most current

Lead Platform Engineer — <u>Mimica.ai</u> Remote, Feb 2024 - Present

Bringing up the platform expertise in the company, I was the first member to initiate the practice of IaC, engineering surveys on Developer Experience and built a few tools that improved how developers operate. Stood at the inception of what became the most reactive team.

Key achievements:

- Implemented IaC from zero this saved us in a few incidents with total access loss. Integrated full CI with Atlantis/Terragrunt.
- Built out a data connector between an internal API and BigQuery, allowing the biggest team in the company to visualise their performance and delivery data in Looker Studio.
- Run DevEx surveys to identify gaps and accelerate performance and remove gaps between multiple tech teams.
- Accelerated switch to ViktoriaMetrics* to improve performance for traces and metrics

🌞 Key technologies: Kubernetes / GCP / Victoria* / BigQuery / Pandas

Senior Developer Experience Engineer — <u>Ada Health Gmbh</u> Remote, August 2023 - Jan 2024

As a part of a larger platform group, my team is responsible for improving the developer experience and automation tooling for the engineering organization.

Key achievements:

- Implemented several improvements for the Jenkins standard library, which resulted in improved debugging verbosity and better integrations with third-party services.
- Led the initial stages of Spotify Backstage IDP adoption, which included gathering requirements, running POCs, and highlighting the value of creating a service catalog for engineering.
- Served as chair for the recurring company event, Community Day, where I focused on improving processes and facilitating knowledge sharing among employees.

** Key technologies: Jenkins standard libraries, Backstage, GCP, Honeycomb

Areas of expertise

- → SDLC, Agile Principles
- → Solutions Engineering
- → Reliability Modeling
- → Cloud-based Solutions
- → Designing Patterns, 12 Factor
- → Performance Tuning
- → Automation of Code Deployment
- → Software Testing
- → Technical Documentation
- → People and Quality Management
- → Presentation, Reporting
- → Prioritisation / Road-mapping
- → Delegation and People Management

Technologies and tools

AWS · Docker · GCP · Kubernetes

GitHub Actions

Pulsar (Kafka-like) · PostgresQL · Redis · BigQuery

Terraform · Ansible · HashiCorp Vault · SSM

Auth: Google, Okta, Cloudflare WARP

Linear · Miro · Notion · Coda

New Relic · Honeycomb · Grafana*

Human Languages

- Russian, English Fluent
- Portuguese Intermediate

Machine Languages

Python (Google, Pandas, Boto3,

Senior Platform Engineer — Healx.io Remote, May 2022 - June 2023

An ongoing effort to provide teams with reusable infrastructure modules, optimize cloud costs and provide a greater developer experience.

Key achievements:

- Reimagined Healx's MLOps solution, introducing ClearML, and achieving both throughput improvements and operational cost savings of 60%.
- Reduced developer workload standup time from weeks to hours via a bespoke "account factory" setup. This created a happy path to git repository, CI/CD, environment, and infrastructure setup to follow best practice security with high degrees of automation
- Automated staff cloud onboarding via SSO between Google and AWS, taking engineer onboarding from hours to minutes and automating both onboarding and offboarding tasks, increasing compliance and security posture.
- Automated the standup of small molecule workflow software (Knime), taking into account multiple cloud providers, complex machine automation setup, and effective guardrails for security and compliance.
- 🌺 Key technologies: Terraform, MLOps, Python, ClearML, GCP

Senior DevOps Engineer / Head of Infra — findify.io Remote, December 2020 - May 2022

Responsible for shaping the infrastructure of the company, including grooming the engineering backlog, managing the infrastructure roadmap, and optimizing cloud costs. Key achievements:

- Designed and implemented a comprehensive GitOps-based API that facilitates the onboarding of customers onto Kubernetes with customized parameters.
- Upgraded the managed Kubernetes system by implementing RBAC and streamlining the EKS upgrade process, as well as deploying and optimizing the Apache Pulsar message bus.
- 🔆 Key technologies: Kubernetes, Python, ArgoCD, CircleCI

Observability Engineer — <u>Semrush.com</u> Remote, March 2020 - December 2020

Took complete ownership of the team's engineering backlog and worked through the tech debt jungle, shifting the team's focus back to delivering value.

Key achievements:

Helm'ized/Kustomize'd K8s deployments on GCP/gitlab-ci following best practices.

- Tuned noisy OpsGenie alerts to be relevant and timely (also put them on IaaC)
- Improved service visibility by implementing Prometheus exporters (for redis/psql)
- Enhanced cost-effectiveness by sunsetting and efficiently downscaling several costly cloud resources.
- 🌞 Key technologies: Kubernetes, Python, ArgoCD, CircleCI, Cloud Native

Site Reliability Engineer — <u>Leadfeeder</u>

Remote, Sept 2019 - March 2020

- Handled operational issues and service improvements
- Took ownership of the global company's IaaC repository
- Planned and implemented a Atlantis in GitHub with code owners
- Performed an efficient upgrade to latest Terraform and refactored code
- Improved the web apps' monitoring with NewRelic/Grafana + Prometheus
- 🔆 Key technologies: Atlantis CI, Grafana, Terraform

Sr. Systems Engineer / DevOps — EPAM Systems

St. Petersburg, Russia, Dec 2016 - Sept 2019

Drove the award-winning e-Commerce DevOps team (Devops Awards 2019: Best Overall DevOps Project)

Key achievements:

Flask, Selenium), HCL

Miscellaneous

- Visa-free travel to multiple countries, happy to commute to Spain, UK, US, other countries
- Passionate rock climber, MTB bicycle fanboy.

- Oversaw backend tools development and code delivery automation, IaaC, improvements for a custom-built website hosting platform for >120 marketing websites
- Implemented and managed external webservices behind CDN's and WAF's.
- Strengthened the SDLC of a customized build of KNIME Analytics Platform
- Designed a custom sendmail wrapper using Vault authentication
- Suggested and utilized a SaaS solution for pentesting and built tooling with Selenium Webdriver tooling.
- Implemented automation for onboarding and integrated into existing processes
- Decreased time-to-market for production deployments by 20%
- Designed inventory system plugin for metrics collection
- Streamlined performance monitoring for websites with Google Lighthouse
- Enhanced hosting platform visibility for business dramatically

🌞 Key technologies: Git, Lighthouse, Python, Ansible, KNIME, Multi-Zone Cloud **Networking**

Work Experience – Side projects

Solutions Architect - Entatio

Remote, Jun 2018 - Jan 2019

Handled the backend design of the application hosting platform, designed, chaired and established from scratch a batch PDF file transcoding service.

- Spearheaded DevOps practices into the current development team's workflow
- Architected a redundant and scalable application hosting

Work Experience – Early Years

App Support Engineer — VTB Capital

Moscow, Russia, June 2013 - Dec 2016

Simplified the procurement of real-time data from system agents on a physical display / Improved audit visibility / Formulated and developed fine monitoring rules

L2 Technical Support — Kaspersky Labs

Moscow, Russia, Aug 2012 - Jun 2013

Consulted small businesses and private consumers around EMEA

L1 Technical Support — IBS Group

Moscow, Russia, Sep 2011 - Jul 2011

- Performed internal customer support
- Resolved generic workstation software, and hardware issues

Education

The Russian Presidential Academy of National Economy and Public Administration

Masters (Specialist Degree), Applied Informatics in Economics, 2012 Relevant Courses: Programming, Mathematics (Calculus, Statistics), Economics

References Available on LinkedIn and Upon Request