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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 architect 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** (DevOps, SRE) opportunities with a lean towards building lean, observable systems and self-service tools. I'm experienced in multiple workflows: ongoing support, writing code and amplifying visibility of that work. Sometimes, I even do valuable code reviews.

Work Experience - Most current

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

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

Senior Platform Engineer — <u>Healx.io</u> 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

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
- → Prioritization / Road-mapping
- → Delegation and People Management

Technologies and tools

AWS · Docker · GCP · Kubernetes

Jenkins · CircleCI · GitHub Actions Pulsar (Kafka-like) · Postgres · Redis Terraform · Ansible · GitLab HashiCorp Vault · SSM

SAML and OAuth (Google, Okta)

Jira · Miro · Notion

New Relic · Honeycomb · PagerDuty

Human Languages

- Russian, English Fluent
- Portuguese Intermidiate

Machine Languages

 Python (Boto3, Flask, Selenium, various ETL), Groovy (Jenkins world), HCL, Golang (4 mo exp)

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.



Observability Engineer — Semrush.com

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:

- 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**

Miscellaneous

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

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 — <u>VTB Capital</u> 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