

# Nikolai Rodionov

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> Location: Hamburg, Germany  
> Email: allanger@zohomail.com (preferred)  
> Phone: 015223284008  
> Github: https://github.com/allanger
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## About me



I'm a DevOps engineer (or SRE if you wish) with 5++ years of hands-on experience with a decent amount of tools that are most probably used or going to be used in your company. One of the most important tools that I love working with and want to continue working with, is Kubernetes. At least, while I don't see any better alternative to it. I think that containers themselves are one of coolest inventions in development, and I'm trying to use them as long as it's possible. Also, I believe that every routine must be automated, because routing is a boring job that lets people lose focus and make mistakes.

I think that there are several things that a good SRE or DevOps engineer must be able to do:

- To build reliable and stable infrastructure
- Keep this infrastructure up-to-date
- Keep all the source and instructions of this infrastructure clean and simple
- Avoid a human factor as long as possible
- And when it's not possible to avoid it, not to be afraid to take responsibility

Also, I think it's important that before implementing anything, an engineer has understood all the requirements and checked tools that can fulfil them. I often see, how people try to use a tool for its name but not for its functionality, and hence they have to do a lot of additional work and deal with compromises. And if nothing really can fulfil those requirements, you need not be afraid of writing something new *and open-source it*.

## Experience

### Giant Swarm: Platform Engineer

12.2023 - Until Now

- | Kubernetes
- | Containers - Kubernetes - Helm - Kustomize
- | Flux
- | Circle-CI
- | Sops

### Grandcentrix: SRE

02.2023 - 11.2023

- | Microsoft Azure
- | Containers - Kubernetes - Helm - Kustomize
- | PostgreSQL
- | Bash - Python
- | Prometheus - Grafana - Loki
- | ArgoCD - Github Actions
- | Sops
- | Terraform

### Klöckner-i: DevOps Engineer

01.2022 - 01.2023

- | GCloud - Microsoft Azure
- | Linux - Containers - Kubernetes - Helm - Helmfile
- | Percona Mysql - Postgresql
- | Bash
- | Prometheus - Grafana - Elasticsearch - Kibana
- | ArgoCD - Gitlab CI - Github Actions
- | Sops
- | Ansible

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### Itigris: DevOps Engineer

07.2019 - 12.2021

- | AWS - Yandex Cloud
- | Linux - Containers - Kubernetes - Helm - Helmfile - Kustomize
- | Bash
- | Gitlab CI - Drone - ArgoCD
- | Postgresql - Redis
- | Java - JS - Go
- | Ansible - Terraform
- | Prometheus - Grafana - Loki - Elasticsearch - Kibana

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### Etersoft: DevOps Engineer

03.2017 - 06.2019

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| Bare metal - Proxmox - Virtual Box
| Linux - Containers - Networks
| Bash - Perl
| Mysql - Postgresql
| Minio - Ceph
| Gitlab CI
| Ansible
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## A little bit more about me

- I love to work with `Kubernetes` , but not with `yaml` .
- I'm a huge fan of [Helmfile](#).
- I have written several small cli tools in Rust, that you might find in my [GitHub profile pins](#) (they are not perfect, but I'm working on it).
- I'm contributing to [db-operator](#).
- I'm trying to automate everything until I'm losing control over something that is automated.
- I love Perl, although I don't even remember how to write code with it, but I would be somehow thrilled to have any ability to work with it in production
- I also think that everything is better in Rust, or at least in Go (*if Bash is not enough*)

I have a blog (written-as-code) that is deployed to K8s (<https://badhouseplants.net/>), with the source code stored in a self-hosted Gitea, that is also deployed to K8s alongside the CI/CD system where this blog is being built and published. This CV is also being built as a part of the CI process, and then uploaded to `minio` storage that is also ~~surprisingly~~ running in this cluster. So you can download the latest version of CV here: <https://s3.badhouseplants.net/public-download/n.rodionov.pdf>

*But I can't guarantee 100% availability because it's a one-node k8s, and sometimes I need to do a maintenance work*