

DMITRII SAVCHENKO

Courbevoie, France | Open to remote & relocation | Languages: English - Russian - French (A1)

Work authorization: EU/EEA/Switzerland (Directive 2004/38/EC & AFMP)

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SUMMARY

Infrastructure-minded Software Engineer. I built services, pipelines, controllers, and other tools that eliminated manual work and increased the speed and reliability of releases. Passionate about systems programming, high performance, automation, and optimization.

SKILLS

- **Languages:** Python, C / C++, Groovy (Jenkins), Go (working knowledge), Bash
- **Platforms & Tools:** Jenkins, Kubernetes, Docker, Argo CD, Git, Linux
- **Cloud & Infra:** AWS (EC2, S3, IAM), Nginx, MariaDB
- **Exposure:** Terraform, Ansible, Vault, Hadoop stack (HDFS/Kafka/Hive)
- **REST API Integration:** Jira, Nexus, Bitbucket, HP Performance Center, Zabbix

PROJECT EXPERIENCE

Student, [Ecole 42](#), Paris, France

Sep 2023 – Present

- **Minishell (C, POSIX):** Shell features (lexer - parser, pipes, redirections, environment, signals), process management, error handling; extensive unit tests and valgrind - clean memory discipline.
- **Containers (C++):** Re-implemented STL containers (vector, stack, set) with iterators, allocators, templates; attention to algorithmic complexity, exception safety, and allocator behavior.
- **Quines (C, NASM, Go):** Self-replicating program series across C, x86-64 assembly (NASM), and Go; deepened understanding of compilation, linkage, code generation, and build tooling.
- **Inception-of-Things (Vagrant, k3s, GitLab, Argo CD):** Automated a local multi-VM k3s cluster (master/worker); bootstrapped GitOps via Argo CD to deploy sample apps.
- **Inception-of-AWS (Groovy, Docker, AWS):** Built resilient EC2 in VPC subnets (Jenkins, Nginx+WordPress, MariaDB); bootstrap, deploy, S3 backup/restore, IAM roles/policies (EC2/S3).

PROFESSIONAL EXPERIENCE

Software Engineer, [VEON - Beeline](#), Moscow, Russia

Feb 2022 – Sep 2023

- Built a **Kubernetes Controller in Go** to automate Nexus workspace lifecycle, removing manual provisioning and allocating resources on demand.
- Created **Jenkins Pipeline - driven access management**, eliminating **99%** of manual onboarding/off-boarding steps across environments.
- Deployed and standardized **Jenkins** (templates, shared patterns, docs), enabling team-wide automation and replacing **over 50%** of manual processes; trained the team on Jenkinsfile best practices.
- Maintained a structured **automation backlog** and collaborated with other teams to extend automation impact across the engineering organization.

Software Engineer, [Sberbank](#), Moscow, Russia

Feb 2021 – Feb 2022

- Implemented a production **Jenkins** pipeline that cut execution time **from 15 min to 5 min**.
- Developed a **Groovy lib for Zabbix API**, enhancing monitoring capabilities and improving system reliability.
- Built **Python log-processing** scripts to speed up parsing and increase accuracy.
- Identified a **critical vulnerability** in the **dev-to-prod** promotion path using **low-level** programming knowledge.

EDUCATION

Computer Science, [Ecole 42](#), Paris, France

2023 – Present

Software Engineering Program, (RNCP 6 & 7 Bachelor's & Master's equivalent)

Core topics: C, C++, Python, Bash, Git, Docker, Kubernetes, CI/CD, Networking, System Debugging, Multithreading, Algorithmic problem solving

Professional Development Certificate, Moscow, Russia

2020 – 2021

Python for Machine Learning

Technologies: Python, Pandas, NumPy, TensorFlow, PyTorch, Jupyter Notebook