

# Michael Braverman

DevOps Engineer / Platform Engineer

✉ [mbraverman96@gmail.com](mailto:mbraverman96@gmail.com)

 LinkedIn

 Github

 Telegram

I am an IT specialist who specializes in the field of DevOps while also being passionate about Python and Rust languages. My interests range from designing and building processes at the infrastructure and architecture level to diving into the most low-level areas. I enjoy solving interesting problems regardless their difficulty while constantly expanding my horizons throughout the process.

## WORK EXPERIENCE

Quarta

DevOps Engineer / Platform Engineer

(June 01, 2023 - Present)

- Played a pivotal role in spearheading a comprehensive of our companies infrastructure revamp from its foundation, leveraging HashiCorp's Terraform, Consul, and Vault solutions.
- Orchestrated the integration of IaC and Continuous Integration/Continuous Deployment (CI/CD) methodologies through Azure DevOps (with an ongoing transition to a Kubernetes-powered GitLab CI + Argo CD setup), while harnessing the capabilities of Terraform and Ansible.
- Manage and implement Systems Reliability Engineering (SRE) and DevOps methodologies to oversee a comprehensive client infrastructure, encompassed nearly 100 virtual machines and involving the orchestration of various technologies including GitLab CI, Kubernetes, etcd, Minio, MetalLB, Dex OpenID provider, Consul, Vault, Prometheus, Grafana, ELK Stack, HAProxy (built from source), keepalived, Patroni, and PostgreSQL;
- Curated and released publicly accessible images of up-to-date Docker image builds incorporating OpenSSL with GOST TLS encryption: <https://github.com/mbrav/docker-gost>
- Developed tools, such as an infrastructure diagram generator leveraging Ansible inventory: <https://github.com/mbrav/ansible-inventory-diagram>

🔗 <https://www.quarta.su/>

CentrInform

DevOps Engineer

(November 28, 2022 - May 22, 2023)

- Configured Kubernetes components from scratch while learning and implementing best practices;
- Managed an array of technologies, including Grafana, Prometheus, Apache Kafka, Nginx, Traefik, GlusterFS, and OpenVZ, ensuring their smooth operation and optimization.
- Worked on a highload tier (2-10k requests per second) infrastructure, encompassing over 100 Java/Go microservices.
- Seamlessly integrated Continuous Integration/Continuous Deployment (CI/CD) and Infrastructure as Code (IaC) methodologies through the effective utilization of GitLab CI, Terraform, Ansible, and Argo CD.
- Wrote my own CLI tool in Rust to solve a problem: <https://github.com/mbrav/gitraider>

🔗 <https://center-inform.ru>

Banks Soft Systems (BSS)

Release Engineer / Python Developer

(April 11, 2022 - November 22, 2021)

- Integrated automated procedures for building and testing docker containers with varying NLP models and Linux distribution configurations (RHEL, Centos, Redhat, Ubuntu, Rocky) for clients with the help of Bash, Python, Ansible and GitHub Actions;
- Coordinated release pipelines, DevOps, GitOps and SecOps for a fellow team consisting of ML, backend and frontend engineers;
- Decreased time from merge to release metric by more than 300%;
- Oversaw CVE warnings and dependency security issues in docker images using security scanning tools such as Trivy;
- Performed Code Review for a ML project that uses the Rasa Python framework and a custom service written in Haskell.

🔗 <https://spitch.ai/>

Genesis Block

Python and Blockchain Developer

(November 08, 2021 - March 31, 2022)

- Produced APIs using Flask and FastAPI Python frameworks;
- Supported projects that integrated Smart Contracts and other blockchain solutions.

🔗 <https://genesisblock.ru/eng/>

## EDUCATION

### **Parsons School of Design**

Bachelor's degree, Design and Technology

(August 31, 2014 - May 01, 2018)

Creative applications of programming in art and design: Javascript, node.js, Java, C++, Arduino, Raspbery Pi and Linux

↪ <https://www.newschool.edu/parsons/bfa-design-technology/>

### **The New School**

Bachelor's degree, Philosophy

(August 31, 2015 - May 01, 2019)

Studied Continental Philosophy, Formal Logic, Epistemology, Ancient Greek Philosophy and German Idealism.

↪ <https://www.newschool.edu/>