Igor Chelyshkin

Platform Engineer / Infrastructure Developer

+972 549029231 · mr.chelyshkin@icloud.com · [Linkedin](#) · [GitHub_1](#) · [GitHub_2](#) · [Website](#)

Israel, Tel-Aviv

Platform Engineer / Infrastructure Developer with over 10 years of experience in designing, deploying, and optimizing cloud infrastructure and CI/CD solutions. Proficient in Python, GoLang, AWS, and Kubernetes, with extensive expertise in creating scalable, reliable systems and automating infrastructure management workflows. Skilled in developing tools, building APIs, and driving process automation to support critical applications and enhance operational efficiency. Experienced in leveraging Infrastructure as Code (IaC) to streamline deployments and manage cloud platforms effectively. Adept at collaborating with international teams in agile environment to improve system performance and deliver business-aligned solutions.

SKILLS

- **Languages and Frameworks:** Python (Django/Flask), GoLang, Bash, Rust, Vue.js/Svelte.js
- **Cloud Technologies:** AWS (EC2, S3, RDS, DynamoDB, Lambda, CloudBuild, Schedulers, StepFunction, EKS, CloudFront, Route53, etc)
- **Infrastructure as Code (IaC):** Terraform, Ansible, Helm, SaltStack
- **Containerization and Orchestration:** Docker, Kubernetes
- **Operating Systems and Platforms:** MacOS, Linux
- **CI/CD implementation:** Jenkins, GitHub Actions, GitLab CI/CD, Bitbucket pipelines
- **DevOps:** Monitoring, Process Automation, GitOps
- **Storage:** PostgeSQL, Redis, Tarantool, MySQL
- **APIs and Communication:** Rest API/gRPC, Sockets, ABI, MQs (ZeroMQ, etc...)
- **Methodologies:** Agile (Scrum and Kanban)
- **Other Skills:** OOP, MVC, Microservices, Platform Development, Process Automation, Jira/Confluence

---

LANGUAGES

English - C1 (fluent) | Hebrew - A2 (beginner) | Russian - Native

---

PROFESSIONAL EXPERIENCE

Aqua Security – Israel, Tel-Aviv   **09/2023 - Present**
Leading provider of cloud application security, container security, and DevOps infrastructure solutions

Senior SRE / Infrastructure Developer

- Designed and maintained scalable cloud infrastructure, leveraging advanced monitoring, auto-scaling, and resource optimization to support business-critical applications.
- Automated infrastructure management workflows by developing and managing APIs, improving efficiency and reducing manual interventions.
- Built and enhanced internal tools and platforms to streamline processes, ensuring operational efficiency and consistency across teams.
- Implemented proactive risk prediction and mitigation strategies to maintain infrastructure stability and resilience under high workloads.
- Ensured infrastructure reliability and security through robust incident management.

   Achievements:
- Migrated over 90% of clients to Aurora Serverless, enhancing performance and reducing costs by building a fully automated migration pipeline using AWS Step Functions, Lambda, and CodeBuild.
- Redesigned database pipelines for backups and restores, developed APIs for seamless replica management and integration, and implemented Datadog monitoring for proactive issue resolution.
- Designed and deployed scalable infrastructure to support a high-load reporting service, incorporating a CI/CD pipeline to automate development and deployment processes.

OZON – Moscow, Russia   02/2022 - 06/2023
Leading Russian marketplace

Lead DevOps Engineer

- Designed and developed "Infrastructure as a Service" platform to automate resource provisioning, improve scalability, and to support high-load systems using Terraform and Kubernetes API.
- Developed custom monitoring and logging solutions to ensure real-time performance tracking and incident resolution.
- Enhanced build, test, and deployment workflows, reducing Time to Market and increasing efficiency by integrating advanced testing and monitoring tools.
- Developed and implemented robust CI/CD solutions for mobile applications, leveraging GitOps to automate deployments and improve release reliability.
  Achievements:
- Designed and deployed 4 global CI/CD pipelines with 30+ jobs, unifying release processes for 8 teams and reducing Time to Market by 25%.
- Built a scalable iOS simulator farm with 20+ MacStudios and expanded Kubernetes clusters for Android emulators, automating processes and minimizing manual operations.
- Established a new department from scratch, setting clear objectives, optimizing workflows, and improving team productivity by 30% through targeted training and structured feedback.

Mail.ru – Moscow, Russia   09/2016 - 02/2022
Leading Russian technology company

Senior Platform Engineer / DevOps Team Lead

- Automated testing, deployment, and RPM packaging to improve deployment efficiency.
- Led Kubernetes migration, standardizing HELM charts, preparing services, and supporting teams during the transition to ensure seamless adoption.
- Automated OpenStack infrastructure management with SaltStack, thus streamlining environment deployments, resource quotas, and monitoring systems.

  Achievements:
- Developed unified CI/CD pipelines for microservices, reducing the release cycle by 35% through deployment automation and integrated testing.
- Migrated over 50 applications to Kubernetes, leveraging HELM automation and standardization to minimize downtime and streamline processes.
- Created a CLI tool for automating OpenStack resource operations, optimized resource usage through monitoring, and automated quota management.
- Built end-to-end CI/CD pipelines for training and deploying machine learning models on GPU-powered bare-metal infrastructure (NVIDIA Tesla).

Raiffeisen Bank – Moscow, Russia   10/2014 - 09/2016
Top 3 Austria's leading corporate and investment banks

Senior Quality Assurance Engineer

- Successfully implemented SiebelCRM, reducing compliance task processing time by 30% and training 50+ employees to minimize errors.
- Enhanced testing efficiency by automating 100+ test cases, identifying 90% of critical bugs, and accelerating release cycles by 25%.

VTB Bank – Moscow, Russia   03/2013 - 04/2014
Top 3 Russia's leading banks

Quality Assurance Engineer

- Ensured quality and reliability of SWIFT integrations by conducting 100+ tests, detecting 85% of errors early, and reducing correction costs by 40%.
- Optimized performance by creating 10+ load testing scenarios, resolving critical bottlenecks, and reducing release times by 15% with a unified testing methodology.

EDUCATION

Master's degree in Information Management
2008 - 2013
State University of Management

HOBBIES

- Sports (jogging, cycling, snowboarding)
- Programming