Dr. Oleg Nenashev

Principal Engineer & Tech Lead

Developer Platforms · Applied AI · Java · Cloud Native · DevOps

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Location: Neuchâtel, Switzerland | Languages: English (C2), French (B2)
Work Authorization: permanent residency (permit C) | Notice period: 1 month



SUMMARY

Hands-on engineering and program lead with 15+ years in tech, including 10+ years in senior engineering, product, and tech community leadership roles. Specialized in developer tools and CI/CD, community building, DevOps, and observability, including AI enablement. Experienced in product, program, project, and team management with a strong focus on customer success and developer experience.

Currently leading the Shared Source project at the BIS Innovation Hub. Alumnus of CloudBees, Gradle, Dynatrace, Synopsys, and Intel Labs. Experienced open-source contributor and community leader. Public speaker, educator, and mentor. PhD (SPbSPU) in Electronic Design Automation; Jenkins core maintainer; Testcontainers Champion; CNCF Ambassador.

I. PROFESSIONAL EXPERIENCE

2025-12 - now, BIS Innovation Hub - Lead Engineer, Shared Source & Community Adviser

Contracted by the Bank for International Settlements (BIS) Innovation Hub to support sharing of technology R&D projects with central banks, and to advise on OSPO, InnerSource, and DevOps.

- Leading the development of a Shared Source tech collaboration platform for central banks, based on GitHub Enterprise, Microsoft Azure, AI Foundry, GitBook, and GitHub Copilot stack
- Contributing to the agentic AI research projects and the internal AI communities of practice
- Advising on the Innovation Hub's next-stage community and AI enablement strategy

Delivered the original 1-year project scope for the platform in 5 months. In April, assigned to lead the Shared Source project end-to-end and the cross-functional team covering technical, legal, governance, and operations. The project is expected to be successfully completed in November 2026.

2024.01 - 2026.01, Gradle / Develocity AI - Lead Developer Advocate

Hands-on DevRel program lead for Gradle Build Tool on the DevRel & Education team under the VP of Engineering. I led the community infrastructure, internal speaking, and champion programs. Member of the User Success and Product Management groups and the Kotlin Foundation Ecosystem Committee.

- Supported and grew key ecosystem partnerships: GitHub, Microsoft, Google, JetBrains, etc., including prototypes and integrations (GitHub Actions and Security, VSCode and Dev Containers)
- Prototyped an "Agentic-friendly Gradle"- a distribution, dev container, and MCPs for agentic use
- Maintained Gradle community infrastructure, doc sites, and CI/CD (GitHub Actions, Markdown)
- Led the community analytics initiative for DevRel and sales enablement (Common Room & RAG)
- Co-organized and mentored GSoC 2024 and 2025 in Kotlin Foundation, 10 successful projects
- Started and led the adoption of an AI-powered writing assistant, powered by Grammarly Enterprise

2023.04 - 2024.01, WireMock - DevRel Consultant and Head of Community - contract

Founding hands-on DevRel. Built outreach strategy and public roadmap. 20+ blogs, webinars, and talks at key events. Quadrupled community contributions to WireMock in 9 months.

- Expanded WireMock to new stacks via Testcontainers for C/C++ and Java/Golang/Python modules
- Created a PoC of WireMock for Embedded Projects and C/C++ test frameworks
- Launched and leveraged tech partnerships with AtomicJar (now Docker) and OpenAPI Initiative
- AI - assisted generation of API mocks and test suites with WireMock and WireMock Cloud.

2021.11 - 2022.11, Dynatrace - Sr. Director of Product Management, OSPO

Community programs lead and product lead in the Open Source Programs Office (OSPO), focused on Keptn and OpenFeature projects, cloud-native technical partnerships, and events.

- Helped Keptn reach incubating status in the CNCF as a project and product manager
- Participated in the OpenFeature launch, including governance bootstrap and company outreach
- Contributed to the Observability go-to-market strategy, OpenTelemetry and CDEvents ecosystems

2015.04 - 2021.10, CloudBees - Principal Software Engineer & Tech Lead

In 2019, started and led a team to drive the roadmap and tech viability of Jenkins, the leading open-source automation server and foundation for CloudBees products. Before 2019, a senior/principal in the Cloud Architecture, Security, and Platform Reliability teams. Top-1 customer support rating in R&D for 3 years.

- Led projects to completion: support for Java 11, Configuration as Code, Pluggable Log Storage, Jenkinsfile Runner for the new SaaS product, and graduation at the CD Foundation (CDF)
- Stepped up as a community lead of Jenkins after the project founder stepped down
- Led maintenance and evolution of CloudBees Jenkins Analytics (ELK, Machine Learning) and the performance monitoring platform; facilitated the OpenTelemetry support for Jenkins
- Helped to launch and grow Marketing & Sales in the Automotive segment
- Received CTO awards for the multi-tenant Jenkins research and Java 11 support in Jenkins

2013 - 2015, Synopsys - Senior Software Engineer, Automation Infrastructure Lead

Led development and rollout of a new CI service (ARCJenkins) for the DesignWare ARC Processors unit - 300 engineers, 6 sites, and 50+ HW and SW products. The system included Jenkins, 100+ build agents, compute grids, FPGA farms, and scanning tools. Supported the launch of new processor cores, machine learning, and computer vision product lines. Received an individual recognition award for the project.

2012 - 2013, Sitronics Group - Senior Software and QA Engineer (SDET)

Project: new distributed accounts storage for the online billing system for a Top-3 telco provider in CIS. Created the company's first Linux-focused CI and release automation infrastructure and a health and performance monitoring platform. Performance, unit, and integration test automation for C++ and .NET.

2011 - 2012, Intel Labs - PhD Research Intern

Integrated Platform Research group, working on a new ultra-small CISC processor core. Created a new state-of-the-art program memory compression algorithm, compiler and simulator extensions (C++), and a decoder PoC for ASIC and FPGA. Also conducted custom branch-prediction research and prototyping.

2008-2010, Neftemer Ltd / Complex-Resource Ltd - Embedded Systems Engineer

Project: distributed non-invasive oil flow monitoring system for projects in Canada, Russia, and the UK. Ported the company's legacy digital hardware to MC/FPGA, and implemented embedded software, data acquisition, and SCADA components.

II. LEADERSHIP & OPEN SOURCE INVOLVEMENT

- Maintainer of Jenkins, Testcontainers, WireMock, Windows Service Wrapper, and other projects
- CNCF Ambassador, Co-founder of Cloud Native Suisse Romande and KCD Suisse Romande
- Google Summer of Code organizer and mentor since 2015 (Jenkins, FOSSi, Kotlin Foundation)
- Jenkins Core Maintainer (2014 - 2025) and ex. Jenkins Board Member (2019 - 2023)
- 50+ talks and workshops at key industry events like KubeCon | CloudNativeCon, Embedded Scandinavia, Devoxx, DevOpsDays, API World, ApacheCon, JavaPoint, DevRelCon, etc.
- Program Committee Member at KubeCon, Open Source Summit, Jenkins World, and Voxxed Days
- Active member in Swiss and global FOSS associations: CH Open, JUGch, InnerSource Commons.

III. EDUCATION

2 degrees from the Saint Petersburg State Polytechnic University (SPbSPU):

- **PhD and MSc**, Computer Systems & Electronics Design Automation (2005 - 2015)
  - Embedded Systems, RTL Design, FPGA, Machine Learning, DSP accelerators, RTOS
  - GPA: 4.9/5.0 (master); graduated with honors; Academic Excellence Scholarship
  - PhD Thesis: Reengineering of digital hardware and embedding test modules and interfaces
- **Second MSc***:* Information Systems in Economics and Management (2005-2012)
  - Scope: project management, MRP and ERP systems, data science, business analytics
  - Project: Integration of the Neftemer information system with a client's ERP system