

Yevhenii Frolov

Senior Java / Platform Engineer

Enterprise Security • Integration Architecture • High-Load Systems • Legacy Modernization • AI Automation

Global Remote Contract | frolov[AT]amiriset.com

PROFESSIONAL SUMMARY

Senior Java / Platform Engineer with 12+ years of experience in enterprise and security-sensitive environments. Background includes fintech systems, high-load streaming platforms, enterprise backup infrastructure, and large legacy security platforms. Specialized in cross-layer production troubleshooting, Oracle diagnostics, integration-heavy architectures, and controlled modernization of long-lived enterprise systems.

PROFESSIONAL EXPERIENCE

Imperva (via AllStarsIT)

SW Engineer (Platform & Security)

Office/Remote | 2021 – Present

- Production troubleshooting in high-load enterprise security systems
- Cross-layer debugging: Java, Linux, networking, certificates, permissions
- Analysis and modification of Python-based operational tooling (impctl)
- Oracle diagnostics (ORA error analysis, memory investigation, JVM troubleshooting)
- Investigation of overload scenarios and performance bottlenecks
- Controlled dependency upgrades in legacy codebase
- Resolution of client-critical incidents in security-sensitive environments
- Cloud & virtualization platform integrations (vCenter / Azure / KVM / AWS)

Focus: Reliability engineering, security hardening, modernization without production disruption.

Nakivo

Senior Java Developer

Office/Remote | 2017 – 2021

- Backend development and feature implementation (Java)
- Performance improvements for recovery scripts (PowerShell / POSIX)
- Active Directory integration
- Cloud & virtualization feature development (vCenter / Hyper-V / AWS)
- Cross-platform tooling (Windows / Linux)
- Production stability improvements

Focus: Enterprise data protection infrastructure and recovery reliability.

Indoormedia

Senior Software Developer / Head of Development

2016 – 2017

- Led cross-functional development team (6 members)
- Coordinated architecture decisions and system integrations
- Oversaw BPM customizations and internal service development
- Managed delivery timelines, deployment cycles, and integration-heavy workflow solutions

Focus: Integration architecture, team leadership, workflow automation systems.

Nokk Soft

Middle Software Engineer (Backend Owner – Web Banking Platform)

2013 – 2016

- Designed and implemented backend architecture using Spring MVC + Spring Security
- Rewrote legacy servlet-based system from scratch
- Implemented role-based access control and SMS-confirmed transactions
- Integrated with external payment processing center (UFS)
- Designed modular transaction structure: payments, templates, recurring operations

Focus: Secure transaction systems, financial backend architecture, integration-heavy design.

STREAMING & MULTIMEDIA ENGINEERING (EARLY CAREER)

- Developed multimedia portal with live audio/video broadcasting

- Worked with Flash Media Server (FMS) and Wowza Media Server
 - Designed FMS → WMS bridge for mobile streaming (iPhone support)
 - Implemented FFmpeg-based streaming pipeline
 - Performance optimization under sustained load
- Focus: High-load systems, real-time media pipelines, resource management.*

APPLIED AI & AUTOMATION ARCHITECTURE

- Designed and implemented AI-driven automation solutions for real business clients across fitness and healthcare domains.
- Chatbot platform evaluation and deployment (Zapier, ChatBase, Chipp.AI)
 - Multi-step automation orchestration (Make.com)
 - Conversational AI agent design (Voiceflow)
 - Messenger automation workflows (ManyChat)
- Focus: Practical integration, workflow optimization, and operational efficiency through AI tooling.*

EARLY FINANCE BACKGROUND

Banking operations and export-import currency control (AKB Mriya / VTB Bank, 2002–2008). Experience with financial compliance, auditability, and operational discipline in regulated environments.

CORE TECHNICAL STACK & EDUCATION

Languages Java, Bash, Python (production tooling), SQL Frameworks Spring MVC, Spring Security Platforms Linux, Oracle (diagnostics & production support) Cloud & Virtualization vCenter, Hyper-V, Azure, AWS, KVM (integration-level) Focus Areas Enterprise security systems • High-load production environments Integration-heavy architectures • Legacy system modernization Cross-layer production troubleshooting	Kyiv National University of Trade and Economics (KNUTE) Specialist Degree in Accounting & Audit (Banking Faculty) 1999–2004 Kyiv Radio-Mechanical College (KRMT) Diploma in Radio Engineering 1995–1999 International Institute of Management (MIU) Specialist Diploma in Management 2008–2009 National Center for Training of Banking Professionals (Ukraine) Certification in Export-Import Operations Control 2004
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