Pavel Istomin

Senior Software Engineer

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Summary

Senior Software Engineer with 8+ years specializing in Go, Java, and Kotlin in fintech and telecom domains. Currently focused on Go development and seeking roles in this domain. Delivered 84.7% revenue growth by redesigning a real-time analytics engine for 37% faster processing. Migrated a monolithic service to Spam Detection on microservices, reducing operational costs by 17.4%. Built variety of AI-driven products, including an order management system that raised average order value by 22.4% and a self-hosted LLM orchestration layer reducing expenses by 21.6%.

Applying Agile principles across the full development lifecycle - from initial requirements to production releases - with a focus on concurrency and scalable architecture. Experienced in collaborating with teams of various sizes - from small, fast-paced squads to large cross-functional groups, while taking on a broad range of responsibilities. Mentored 5+ interns and junior engineers; advocate for clean code and robust solutions. Currently building a Go-based fintech real-time analytics side project.

Skills

Go, Java, Kotlin, Python, Kafka, Redis, PostgreSQL, gRPC, Docker, Kubernetes, AWS, Git, Prometheus, Grafana, Microservices, Agile

Experience

Tabby - The leading BNPL platform in MENA

May 2025 - Present **UAE** (Remote)

Senior Software Engineer

https://tabby.ai/

Engineering scalable fintech platform for real-time risk decisions. Working on high-load backend services for buy-now-pay-later business, ensuring robust and secure financial transactions.

Infobip - Global cloud communications platform for businesses

Nov 2022 - May 2025

Senior Software Engineer

Croatia

- https://www.infobip.com/
- Took over and improved a real-time analysis project, enhancing performance by 37% and increasing revenue by 84.7% through redesign and process improvements.
- Contributed to the design and development of a microservices-based Spam Detection System for real-time blocking, a critical feature that enhances customer security, reduces operational costs by 17.4%, and strengthens the company's market reputation.
- Developed an integrated AI-powered order management solution, combining ML-based order recommendations and an LLM-driven conversational interface to enable real-time decisionmaking and automation. This solution boosted average order value by 22.4%, improved ordering speed by ~30%.
- Developed an LLM orchestration system with smart routing and self-hosted models, reducing costs by 21.6% while maintaining performance.

Infobip - Global cloud communications platform for businesses

Jun 2019 - Nov 2022

Croatia

Software Engineer

https://www.infobip.com/

- Developed a Fraud Detection System on a microservices architecture, integrating fraud detection for both real-time blocking and post-analysis workflows, which reduced fraud incidents by 35%.
- Implemented the core of a Company Data Catalog, including system development and graph data modeling, significantly reducing data silos and resulting in a 17.7% decrease in server costs.
- Contributed to the design and implementation of a Send Time Optimisation system, improving campaign engagement rates by 14.2%.
- Adapted an open-source project for internal use to support Data Governance, built data ingestion pipelines for internal systems, implemented data validation and cleansing mechanisms (reducing data errors by 25.9%), and facilitated project coordination and cross-team communication.

DxFeed - Market data solutions provider for FinTech

Jan 2017 - Apr 2019

Junior Software Engineer https://dxfeed.com/

Germany (Remote)

- Conducted data analysis and mining, assisting in generating insights to support data-related initiatives.
- Contributed to evaluating and implementing data storage solutions, exploring options for improved performance and suitability.
- Assisted in designing and prototyping data warehouse architectures backed by Cassandra.
- Contributed to development and maintenance of ETL pipelines with Java and Apache Spark.
- Performed data manipulations and wrangling, including extraction, enrichment, and transformations based on clients requests.
- Gained hands-on experience in fintech and data-oriented projects.

Devexpers - Real-time trading solutions FinTech company

Jan 2016 - Dec 2016

Germany (Remote)

Bachelor of CS

Junior DevOps

Information Security

https://devexperts.com/

- Resolved 30+ production incidents for Java-based applications on Linux environments, reducing average downtime by 27%.
- Optimized PostgreSQL queries cutting response times by 15% and lowering server resource usage.
- Developed a Java-based workflow automation tool, saving 2+ hours per day of manual work for the operations team.
- Monitored system performance via custom dashboards and alerts, enabling early anomaly detection and preventing major outages.

Education 2012-2016

ITMO University

ITMO University 2016-2018

Information Security Master of CS

ITMO University 2018-2022 PhD Candidate (Incomplete)

Information Security