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Executive Summary

Specialized in Java, distributed systems, cloud-native architecture and engineering leadership. Experienced in software architecture, technical strategy, people management, production troubleshooting and modernization of high-load platforms running on Kubernetes, Kafka and reactive microservice ecosystems.

Career Highlights

Engineering Lead with 8+ years of experience leading international engineering teams, modernizing distributed enterprise platforms and delivering measurable business outcomes across Retail, FinTech and Oil & Gas domains. Successfully transformed engineering organizations through architecture modernization, AI adoption and engineering excellence initiatives recognized by customers and company leadership.

Career Achievements

- Delivered software solutions across **Retail, FinTech and Oil & Gas** domains, leading engineering initiatives for distributed enterprise systems serving multiple international markets and high-load production environments.
- Delivered enterprise modernization programs spanning cloud migration, distributed systems, Kafka ecosystem modernization and reactive architecture adoption without business disruption.
- Built a track record of transforming engineering organizations by modernizing platforms, improving software quality, strengthening engineering practices and leading teams through complex technical and organizational change.
- Built an internal AI learning platform used by **4,000+** EPAM engineers, supporting **1,000+** successful certifications.
- Consistently delivered measurable business outcomes, including **200% customer revenue growth**, **40% infrastructure cost reduction**, **60% faster service startup**, average **tests** coverage from **20% to 90%**, **expansion** of engineering teams from **4 to 8 developers**, and AI initiatives adopted.
- Successfully delivered software across distributed organizations of **100+ engineers**, collaborating with architects, product managers and multiple **engineering streams** to **coordinate enterprise-scale releases**.

Professional Experience

EPAM Systems

Lead Software Engineer / Resource Manager Oct 2021 – Present

- Coordinated backend delivery for international engineering teams of up to **10 engineers**, directly managing technical execution for **6 backend developers** while delivering solutions across multiple Middle East markets.
- Provided technical leadership within a **15-engineer** distributed team, driving architecture improvements, engineering standards, code quality and backend modernization initiatives.
- Drove modernization of **25+ Java repositories**, migrating from **JDBC to R2DBC**, reducing startup time of high-load services by **60%** while enabling reactive programming adoption.
- Increased automated test coverage from approximately **20% to 90%** across key backend services and established testing standards adopted by other engineers through code reviews and technical leadership.

- Led migration from **Bitnami Kafka to Strimzi Kafka** and **Confluent Schema Registry to Apicurio Registry**, reducing Kafka broker recovery time from approximately **6 minutes to 2 minutes** and minimizing planned platform downtime.
- Coordinated a **2-month** modernization of the notification platform involving **3 engineers**, successfully delivering Kafka schema evolution and Akka event migration with **zero business disruption**.
- Led migration of **thousands of JanusGraph display schemas** to a TimescaleDB-based architecture, improving maintainability and enabling real-time visualization capabilities for industrial monitoring systems.
- Supported an event-driven platform processing **millions of events** and approximately **500 GB of Kafka data monthly**, maintaining **99.5% system availability** while resolving complex production incidents across Akka, PostgreSQL, Kubernetes and reactive services.
- Reduced the average resolution time for critical security vulnerabilities by approximately **50%**, strengthening engineering ownership and improving compliance across backend services.
- Conduct approximately **30 Senior and Lead technical interviews annually**, supporting project staffing, engineering assessments and hiring decisions.
- Manage **5 direct reports** as Resource Manager, driving performance reviews, career development, mentoring and promotion planning for Junior and Middle engineers.
- Created an internal **Claude Certified Architect** preparation platform adopted by **4,000+ engineers**, supporting **30,000+ practice sessions** and contributing to nearly **1,000 successful certifications**.
- Serve as **AI Champion**, leading adoption of AI-assisted software engineering practices, facilitating internal AI Engineering programs and defining the project's roadmap toward higher AI maturity.

Delasport

Tech Lead / Solution Architect (short-term fixed contract) | Nov 2022 – Feb 2023

- Designed the architecture and delivered a proof of concept for a new **payment gateway platform** integrated with internal products.
- Established **engineering standards** and **technical direction** during the project's initial delivery phase.

Marketly

Founder & Lead Software Engineer | Jan 2021 – Dec 2023

- Founded a retail automation startup, taking full ownership of product strategy, solution architecture and technical delivery from concept to production.
- Designed and implemented the platform end-to-end, covering backend development, frontend, DevOps, infrastructure, testing and production support.

Sombra

Team Lead | Jul 2018 – Feb 2021

- Progressed from **Trainee Java Developer to Team Lead** within **2.5 years**, taking ownership of software delivery, architecture and customer communication.
- Earned strong customer trust through consistent delivery and engineering leadership, becoming the **first engineer in the company** promoted to Team Lead at the customer's request.
- Led cloud modernization initiatives, reducing infrastructure costs by approximately **30%** and improving platform scalability.
- Reorganized engineering processes, contributing to **200% customer revenue growth** and expansion of the engineering team from **4 to 8 developers**.

Technical Skills:

Languages: Java (8–25), SQL

Backend & Frameworks: Spring Boot, Spring Framework, Spring WebFlux, Akka, gRPC, JDBC, Hibernate, JOOQ

Architecture & Distributed Systems: Monolith, Microservices, Event-Driven Architecture, Event Sourcing, CQRS, SAGA, Outbox Pattern, DLQ, Reactive Systems, REST

Cloud & DevOps: Azure, AWS, GCP, Kubernetes, Docker, Docker Compose, Helm, ArgoCD, Jenkins, CI/CD

Messaging: Kafka, RabbitMQ, Protobuf

Databases: PostgreSQL, JanusGraph, TimescaleDB, MongoDB, Redis, MySQL, MSSQL

Testing & Quality: JUnit, Mockito, Testcontainers, Mock Servers, TDD, SonarQube, Mend, Snyk, Trivy

Tools: Git, Maven, Gradle, Jira, Confluence, Swagger/OpenAPI, Linux

AI Engineering: Prompting, Spec Driven Development, Claude Code (Agents, Skills, Workflows), RAG, MCP, Bank Memory, Token Budgeting, Responsible AI

Leadership Skills:

• Engineering Leadership • Technical Leadership • People Management • Mentoring & Coaching • Hiring & Technical Interviewing • Stakeholder Management • Cross-functional Collaboration • Software Architecture • Delivery Management • Engineering Excellence • AI Adoption Strategy

Certifications & Recognition:

Certifications

- Anthropic **Claude Certified Architect – Foundations**
- Certified Partner Specialist – Gemini Enterprise Agent Development
- GCP Generative AI Leader
- GCP Cloud Digital Leader
- EPAM Certified Technical Interviewer

Additional Awards

- SLB Community Recognition “2025 Cybersecurity Capture The Flag Winner”
- EPAM Award “Delivery Excellence” (x4)
- EPAM Award “Customer Focus”
- EPAM Award “Java West UA Delivery Excellence” (x2)
- EPAM Award “EPAM True Engineering” (x5)
- EPAM Award “L&D Remarkable Contributor”
- Sombra Award "Most Proactive Person 2019"

Languages

- English – professional
- Ukrainian – native