

Alexander Zagaynov

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Lead Software Engineer with 25+ years of experience building and modernizing production systems across enterprise, fintech, and cloud environments. Focused on legacy transformation, system reliability, security, and CI/CD. Hands-on across backend, frontend, and infrastructure, with strong experience in international teams.

Core Skills

Languages: Ruby, Python, Java, Kotlin, JavaScript, SQL, Bash

Frameworks: Ruby on Rails, Spring Boot, Vue.js

Cloud & DevOps: Azure, AWS, GCP, Kubernetes, Docker, Terraform, Ansible, Azure DevOps, Jenkins

Data & Messaging: PostgreSQL, MongoDB, Redis, Kafka, RabbitMQ, REST, GraphQL, SOAP

Security & Quality: Microsoft Entra ID, TLS/PKI, SonarQube, Veracode

Certifications

Azure Administrator Associate (2025) · Azure AI Fundamentals (2023)

AWS Certified Solutions Architect – Associate (2021) · RHCE (2017) · RHCSA (2017) · Ansible (2017)

Experience

Lead Software Engineer · AT&T Oct 2023 – Present

Lead modernization and support of 2 large enterprise applications (Java/Kotlin + Vue.js) and ~10 supporting services. Migrated systems from Spring Boot 2→4 and Vue 2→3, reducing technical debt and improving maintainability. Integrated Microsoft Entra ID for centralized authentication. Strengthened security (TLS, internal CA, WAF), integrated SonarQube and Veracode, and implemented CI/CD pipelines in Azure DevOps.

Lead Software Engineer · EPAM Systems Apr 2020 – May 2023

Worked with a European banking platform and live banks in high-load environments. Resolved critical production incidents across microservices (Ruby/Java), including performance improvements up to 100×. Delivered PSD2 integrations (REST, SOAP, messaging). Modernized services and CI/CD pipelines; collaborated with SRE/ops and mentored engineers.

Software Engineer · Red Hat Dec 2016 – Jan 2020

Contributed to OpenShift QE and ManageIQ (hybrid cloud platform) development. Built test frameworks, led AWS STS integration, upgraded SDKs, and contributed to cloud integrations (AWS/Azure/GCP). Active open-source contributor (code, reviews, upstream collaboration).

Full-Stack Engineer · Mamapedia 2015 – 2016

Modernized legacy Rails platform, improved performance (~2× faster), and rebuilt email delivery system.

ERP & Infrastructure Consultant 1998 – 2014

Delivered ERP/WMS/CRM systems and enterprise infrastructure solutions across multiple industries, including custom business platforms and data-center modernization projects.

Professional Development

IT Project Management · I Heart Stats (Notre Dame, edX) · Entrepreneurship 101 (edX)