



Artur Safonov

Java Software Engineer

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Java engineer with 6+ years of experience building and modernizing backend systems for commerce, healthcare and AI recruitment. My work spans framework migrations, secure authentication, asynchronous service integration and payment workflows, with responsibility for turning complex business requirements into maintainable services.

PROFESSIONAL EXPERIENCE

IntelliCeed Inc. | Java Software Engineer

Feb 2024 - Present

Healthcare services platform

- Implemented Spring Boot 2.7 → 3.5 → 4 migrations across a multi-module healthcare backend, including Hibernate and Spring Security compatibility changes.
- Built patient onboarding, administrator approval and magic-link access; resolved a reward-processing failure that repeatedly requeued messages.

Maternal healthcare platform

- Developed onboarding, patient profiles and calendar APIs; implemented social sign-in and account-deletion flows with S3 file cleanup.
- Redesigned SimplyBook.me booking/payment integration and Stripe webhook handling; extended clinician permissions, report history and email audit trails.

German commerce & enterprise systems

- Modernized legacy commerce APIs and delivered SendGrid → Amazon SES migration, including production access and email-authentication DNS records.
- Diagnosed a self-referencing mapping behind ERP memory exhaustion; corrected persistence defects and adapted reporting SQL for PostgreSQL.

AI recruitment platform

- Owned backend development alongside two frontend and two ML engineers, integrating ML services through RabbitMQ.
- Designed Elasticsearch indices and queries for candidate search and filtering.

Property management platform

- Standardized email identity handling across authentication and account recovery; integrated Stripe automatic tax into subscription creation.

Artur Safonov | Java Software Engineer

EPAM Systems | Java Software Engineer

Aug 2020 - Feb 2024

Two e-commerce projects: a home-goods retailer on Hybris 6.5 and a pharmaceutical company on SAP Commerce 1811.

- Specified and implemented custom APIs using OpenAPI, with Cucumber tests covering API behavior.
- Integrated PowerReviews, Google Maps API and Cloudinary into retail and pharmaceutical commerce applications.
- Implemented JSP storefront views from HTML prototypes and extended commerce functionality through data models, service/facade layers and FlexibleSearch.
- Delivered changes through Jenkins, GitHub Actions and manual deployment; contributed to estimation, code review and technical design discussions.

Fintech startup | Software Developer

Apr 2023 - Jul 2023

A short engagement building cryptocurrency exchange integrations, overlapping with my EPAM employment.

- Integrated cryptocurrency exchange APIs through vendor SDKs and adapted them to the trading application.
- Parallelized price monitoring and order submission, using WebSockets for time-sensitive market updates.
- Established the project's initial CI pipeline.

TECHNICAL SKILLS

Backend Java · Spring Boot · Spring MVC · Spring Data JPA · Spring Security · REST · OpenAPI · Maven

Data & messaging PostgreSQL · MySQL · Oracle · Elasticsearch · RabbitMQ · Flyway · JPA / Hibernate · FlexibleSearch

Cloud & delivery AWS S3 · SES · Lambda · DynamoDB · CloudFormation · CloudWatch · Step Functions · EventBridge · Docker · Jenkins · GitHub Actions · Git

Testing JUnit · Mockito · Cucumber · AssertJ / Hamcrest · REST Assured · MockMvc

Commerce & integrations SAP Commerce / Hybris · Stripe · SimplyBook.me · OAuth 2.0 · Cloudinary · Google Maps · PowerReviews

Additional tools Python · JavaScript · HTML / CSS · Node.js · AI coding agents · Home Assistant · ESPHome

EDUCATION

Master's degree | Data Science & Mathematical Modeling

Igor Sikorsky Kyiv Polytechnic Institute | Sep 2021 - Jan 2024

Bachelor's degree | Data Science & Mathematical Modeling

Igor Sikorsky Kyiv Polytechnic Institute | Sep 2017 - Jun 2021

Ukrainian: Native · English: B2 · Upper-intermediate

INDEPENDENT WORK

Home Assistant / ESPHome: device and voice integrations, ESP32 controller and enclosure. AI tools: local model workflows and reusable agent skills.

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