

# Artem Zabava

## Software Development Engineer

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## SUMMARY

Software Development Engineer with 5 years of experience working on fintech products, internal tools, and integration-heavy systems. The main stack includes TypeScript, Node.js, React, and AWS serverless. Built backend services, APIs, and user-facing features, and took part in research, RFCs, and technical design.

## SKILLS

Languages: TypeScript, JavaScript, Go, SQL, GraphQL

Backend: Node.js, NestJS, REST APIs, GraphQL, microservices, event-driven systems

Frontend: React, Redux, React Query, Vite, Tailwind CSS, shadcn/ui, Styled Components, Ant Design, Storybook

Cloud & Infra: AWS (Lambda, API Gateway, SQS, S3, etc.), Docker, Pulumi, SST

Data & Observability: MongoDB, DynamoDB, Elasticsearch, Tinybird, Kafka, OpenTelemetry, Datadog, LogRocket, Elastic Stack

## EXPERIENCE

### **Akvelon, Inc. | Software Development Engineer | May 2021 - Present**

Worked on several client and internal projects, from product features and integrations to internal tools and platform work. Depending on the project, was involved not only in implementation, but also in technical research, RFCs, and solution design.

#### **Project: Internal Tools & R&D | Jan 2026 - Present**

Worked on internal tools, automation, and a few AI-related experiments for developer workflows and team productivity.

- Developed an Azure DevOps workflow that enriched task descriptions using Azure Functions and RAG-based processing.
- Worked on a cross-platform time-tracking tool for developers using Go, a VS Code extension, and a Chrome extension.
- Took part in research on AI agent capabilities and helped prepare technical project ideas for intern mentorship.
- Improved reliability and maintainability of internal projects through refactoring and technical debt reduction.

## Project: Enterprise API Gateway & Extensibility Platform | Jun 2025 - Jan 2026

Worked on a logistics integration platform. Joined the project at an early stage, when core parts of the platform were still being designed and implemented.

- Developed an API gateway and transformation layer over multiple backend services, helping standardize authentication and external integration contracts.
- Implemented transformation plugins and a Kafka-based event routing service to normalize payloads and route events to customer-defined functions.
- Introduced OpenTelemetry instrumentation to track gateway overhead and simplify troubleshooting in production.
- Built internal tools that reduced development overhead, including generation of API Gateway configs and SDKs from OpenAPI specifications.

## Project: Real-time Expense & Travel Management | Sep 2021 - May 2025

Worked on a large fintech product focused on expense management, integrations, and internal platform functionality. Over time, took on more responsibility in technical design, research, and delivery of complex features.

- Improved ERP integrations with NetSuite, Sage Intacct, and QuickBooks by adding manual sync controls, pause functionality, better error handling, and a wide range of bug fixes, significantly reducing platform-side issues.
- Centralized RBAC by moving duplicated authorization logic from individual services into a dedicated Lambda authorizer backed by DynamoDB-stored roles and permissions.
- Reworked a hardcoded CSV/Excel export flow into a configurable export system with custom columns, ordering, and support for additional fields.
- Developed travel expense analytics using Tinybird and pre-aggregated views, making reporting faster on large datasets and supporting finance export workflows.
- Replaced legacy username/password authentication with passwordless OTP email login, improving both security and sign-in experience.
- Established a reusable NestJS foundation for new backend services, including shared libraries and infrastructure patterns with Pulumi.

## EDUCATION

V. N. Karazin Kharkiv National University  
Computer Science

## LANGUAGES

English - B2+  
Ukrainian - Native  
Russian - Native