



Ivan Danci

Senior Software Engineer

Amsterdam, NL • (+31) 684451733

[GitHub](#) • danci.ivan@gmail.com • [LinkedIn](#) • [Resume](#)

Personal Details:
Dec 1989 • Romanian

Backend engineer who loves diving into all aspects of software development. From APIs to infrastructure, I enjoy building robust systems end-to-end.

Technical Proficiencies

Frameworks: Rails | Symfony | Spring Boot | [Next.js](#) | NestJS

Languages: Ruby | JS/Node/Typescript | PHP | Java

Career Experience

Mollie, Netherlands

Senior Software Engineer

2024 – Present

- Participated in designing and implementing a solution for card details tokenization
- Implemented a solution for securely importing and exporting card details
- Implemented a solution for managing point of sale terminals configuration and their software updates and customization
- Setup billing and subscription management for charging transaction fees as well as for charging fees for the usage custom billable products
- Direct communication and perform debugging during incidents, propose scalable solutions for gradual rollouts
- Implemented end-to-end general performance and query optimizations
- Set up custom dashboards and alerts to track key metrics such as latency, error rates, and resource usage

WeTransfer, Netherlands

Senior Software Engineer

2021 – Present

- Deliver consultancy service to wetransfer engineers on creation of GraphQL API for supplement or replacement of prior set of REST APIs
- Direct communication and perform debugging during incidents as well as propose scalable solutions for gradual rollouts through canary releases
- Generate PoCs for evaluation of multiple API gateway solutions, including tyk, kong, aws appsync, and apollo
- Set up custom dashboards and alerts to track key metrics such as latency, error rates, and resource usage
- Optimised system reliability and performance through implementation of monitoring and observability solutions via utilisation of Datadog
- Minimised overall downtime and improved database availability by implementing the online schema change approach using gh-ost
- Successfully upgraded monolith from ruby 2.7 to 3.2 and rails from 5 to 6, whilst preparing the app for rails 7

Currencycloud, Netherlands**2021**

Senior Software Engineer

- Leveraged multiple tools and frameworks, including rails, nextJS/react, graphql, RabbitMQ, elasticsearch, NodeJS, Ruby, k8s, datadog, wiremock, pact, and playwright
- Formulated efficient technical standards and guidelines for ruby guild company-wide
- Enabled end-to-end testing for newly built features, whilst setting-up preview environments for testing new apps
- Optimised docker images for speed improvement of building, security, and occupied space
- Incorporated engineering context into strategic decisions as well as interfaced with stakeholders
- Conducted training sessions and sponsored junior engineers for driving growth in skills and careers

Impraise, Netherlands**2020– 2021**

Senior Software Engineer

- Implemented templating engine that allowed setting-up of recurring surveys and questionnaires
- Implemented scheduler to run recurring events as well as implemented service for tracking surveys and questionnaires stats and generating reports
- Utilised different tools and frameworks, including rails, react, graphql, grpc, RabbitMQ, NodeJS, Ruby, Elixir, k8s, and datadog
- Optimised queries performance through batch loading for relieving db stress and speed-up responses

Aejis, Ukraine**2019 – 2020**

Senior Software Engineer

- Migrated a static web page pertaining to a single individual into rails application with integrated payments system
- Incorporated admin interface with activeadmin and possibility for easy addition of other individuals' pages with their own independent static pages, stylesheets, js, and billing/aws configurations
- Managed integration of stripe payments api to allow subscriptions and one-time donations
- Deployed project from initiation to completion to heroku and separately for dedicated server with capistrano

Endava, Moldova**2018 – 2019**

Senior Software Engineer

- Implemented notification system; sending Backend emails with attachments, sending iOS, and android push notifications using firebase, creates events in users' calendars using azure api
- Implemented new data-driven mechanism of requests routing through the platform for one of the Endava clients
- Implemented quoting/trading apis using REST APIs of American bank
- Managed addition of numerous elasticsearch aggregators to transaction monitoring service

Salt Edge, Moldova**2013 – 2018**

Lead Engineer

- Monitored implementation of in-house build SSO platform based on LDAP
- Orchestrated interviews of dev candidates and coaching sessions for newcomers as well as helped during onboarding process, tasks delegation, and performance evaluation
- Directed execution of initial MVP for first screen scrapers
- Built APIs for financial information extraction and payments initiation

Additional Experience

Software Engineer | Fusion Works, Moldova

Software Engineer | Lumos Labs, US

Education

Master's Degree, Networking Technologies
Moldova State University, Moldova

Licentiate Degree, Informational Management
Moldova State University, Moldova