Vadim Borisov

Carquefou, France

Full-stack Software Engineer • Java / React / Vue.js

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LinkedIn • GitHub

Software engineer with 7+ years of experience designing and modernizing web applications. Strengths: front-end architecture, IAM (Keycloak), accessibility (WCAG/RGAA), REST API design, GIS systems. Technical referent and backup tech lead on recent projects; enjoys mentoring and knowledge sharing.

Experience • Capgemini, Nantes (since 03/2019)

IDFM Connect • Centralized SSO platform for IDFM and partner applications 12/2025 – present

- Proposed and led the migration of Keycloak FTL interfaces to React + Keycloakify; defined the new front-end architecture.
- Drove the i18n strategy: 4 new languages added, technical debt reduced for future locales.
- Optimized CI execution time; set up WCAG/RGAA accessibility checks, front-end quality gates and unit tests in the Azure DevOps pipeline.
- Maintained AI code-review agents, created an i18n skill, promoted GenAI practices in the team.

React, Java 21, TypeScript, Keycloak, Keycloakify, Storybook, Vite, Azure DevOps, PostgreSQL, GitHub Copilot, Kong, Nginx

CNAM • Annuaire Santé • healthcare professionals directory 04/2024 – 11/2025

- Designed geographic + text autocompletion search in PostgreSQL; optimized query plans on 500k+ rows.
- Built and maintained Spring Batch import/update/export data jobs (OpenStreetMap, DataGouv), Leaflet map and an admin statistics dashboard (ApexCharts).
- Backup tech lead: mentoring, pull request reviews, live-coding and knowledge-sharing sessions.

Java 8, Spring Boot/Spring Batch, Vue 2.7, Vuetify, TypeScript, PostgreSQL, Liquibase, Jenkins, Kustomize, OpenShift, SonarQube

Ministry of Agriculture • TelePAC • agricultural data, GIS 03/2020 – 04/2024

- Developed and maintained 20+ microservices for agricultural data processing (2021–2024) after working on the monolithic GIS application (2020–2021).
- Designed a geographic layer manager (Vue.js + OpenLayers); led the multi-step front-end migration Vue 2.6 → 2.7 → 3.
- Cut monthly costs by migrating the satellite imagery provider (Sentinel to Terradue); added axios reference-data caching.
- GitOps delivery with GitLab CI, Helm and ArgoCD.

Java 11, Spring Boot, Vue 2/3, MyBatis, PostgreSQL, OpenLayers, ArcGIS, RabbitMQ, Docker, ArgoCD

SNCF • Transilien API • train/tram/bus real-time departures 03/2019 – 03/2020

- Developed and maintained REST APIs under high load (Hazelcast cache); automated tests with JUnit, Cucumber and Gatling; feature toggles with FF4J.

Java 8, Spring Boot, Hazelcast, Jenkins, Kibana, Datadog

Skills

Front-end: React, Vue.js, TypeScript, Vite/Vitest, Storybook, accessibility (WCAG/RGAA, NVDA), i18n
Back-end & data: Java, Spring Boot/Batch, PostgreSQL, Liquibase, REST/OpenAPI, NestJS
IAM & GIS: Keycloak/Keycloakify, OpenLayers, Leaflet
DevOps: Docker, Jenkins, GitLab CI, Azure DevOps, GitHub Actions, Helm, ArgoCD, Kustomize, OpenShift, Coolify
GenAI: GitHub Copilot

Projects

- **PetSpot**: mobile app for dog owners (React Native, NestJS, MongoDB), published on Google Play.
- **Personal blog** in Astro.js and a self-hosted home server (Coolify, Jellyfin, Audiobookshelf).

Education & Languages

- Professional Bachelor's L3, Distributed Applications, IUT Nantes (2019)
- Computer Science L1–L2, University of Nantes (2016–2018)
- Languages: Russian (native), French (bilingual), English (fluent)