

Artur Bergamini Drummond

Staff Engineer · Tech Lead · Software Architect

Best, North Brabant, Netherlands · 41 years · Italian / Brazilian (EU citizen)

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PROFILE

Backend engineer and architect with 18 years of experience, focused on platform architecture and modernising legacy systems. My recent work is the shared tooling and standards other teams build on (RFCs, internal libraries, cross-platform integrations), used across the ~20-engineer organisation at Huspy, where I'm Tech Lead in the Core Team. Previously Senior Backend Architect at GoodHabitZ, reporting to the CTO. Looking for a Staff Engineer or Tech Lead role where I keep defining the architecture and stay close to the code.

CORE SKILLS

Languages: Java (8-25), Kotlin, TypeScript, Node.js, .NET (6/8)

Backend: Spring Boot, NestJS, Microservices, REST, Event-driven services

Architecture & leadership: RFC/ADR, architecture reviews, cross-team technical direction, Strangler Pattern, Clean Architecture, Event-Driven Architecture

Cloud & Infra: AWS (Lambda, S3, RDS, SQS/SNS, CloudFront, Cognito, EC2), GCP (Pub/Sub), Terraform, Docker, Kubernetes

Data: PostgreSQL, MongoDB, Redis, Oracle, SQL Server, Aurora

Observability & Quality: Datadog, Grafana, CloudWatch, JUnit, Mockito, Gatling, k6, SonarQube, Testcontainers

Ways of working: Mentoring, code reviews, technical decision-making, cross-functional collaboration with Product and Design

EXPERIENCE

Huspy · Tech Lead, Core Team

Jul 2025 – Present

Dubai (Remote) · Real estate / Mortgage platform

- Define the architecture and shared frameworks used across the ~20 engineers at Huspy. Write RFCs, get the teams aligned on the direction, then build the agreed solution.
- **Internationalisation platform (Crowdin):** wrote the RFC and selected Crowdin after evaluating alternatives on CI/CD integration, proofreading workflow and cost. Designed and led the rollout of the integration across mobile, web and backend, replacing the previous setup where each platform handled translations differently. Now live with 7 languages, and adding new locales no longer requires engineering work.
- **Backend-for-Frontend (BFF):** wrote the RFC and built a NestJS BFF now shared by the mobile and web teams. Removed duplicated orchestration code and extra network round-trips; all incoming backend calls go through one security check.
- **Shared security library (Spring Boot + Node.js):** centralised JWT validation across multiple Keycloak realms and AWS Cognito. Used by every backend service; new realms can be added through configuration.
- **Document Service:** designed and built a centralised document and image platform for the real estate and mortgage domains. Kotlin / Spring Boot with AWS Lambda, S3, Postgres and CloudFront. Document load times dropped around 30%.

GoodHabitZ · Senior Backend Architect

Jul 2022 – Jun 2025

Eindhoven, Netherlands · Online learning / E-learning (Hybrid)

- **OneCloud AWS migration (2025):** one of four architects working alongside SRE to consolidate systems from GCP, Azure and on-prem onto AWS. Ran HammerDB benchmarks to size the databases; provisioned the new infrastructure with Terraform.
- **LTI 1.3 / SCORM replacement (2024):** replaced the legacy LMS-integration service using the Strangler Pattern; added support for LTI 1.3 on top of LTI 1.1 and SCORM. Migrated all clients gradually using feature flags, no disruption.

- **Salesforce integration (2023):** built a new Kotlin/Spring Boot microservice that replaced manual data copying between Salesforce and the GoodHabitx Backoffice, with Datadog dashboards for the Finance team.
- **Video performance with Mux CDN (2022):** designed and built a Kotlin microservice that routed video traffic to Mux. Video load times dropped ~45% in NL and 200%+ in LATAM. Deployment pipeline became a template for other services.

Jumbo · Principal Engineer

Aug 2018 – Jun 2022

Eindhoven, Netherlands · Supermarket / E-commerce · Joined via WAES consultancy in 2018, internalised by Jumbo in 2020

- Led the extraction of the Order Management System from a Java monolith into microservices using the Strangler Pattern. Removed one domain of 150k+ lines of code from the monolith; new services run on Kubernetes with Spring Boot, PostgreSQL/MongoDB, Redis and AWS SNS/SQS.
- Customer Management redesign: Clean Architecture, API response times improved ~85%, deployments moved to zero-downtime.
- Architected the **Jumbo Extra** loyalty platform on Java/NestJS with MongoDB; established the Clean Architecture patterns the team continued to use.
- Earlier work (2018–2020, as WAES consultant): replaced the legacy customer software with a new Java/MongoDB microservice on Kubernetes. Response times improved 60%+ and Kubernetes handled scale-up/down automatically.

Netshoes · Software Architect (Java)

Apr 2016 – Jul 2018

Brazil · E-commerce

- Designed and delivered integrations with 7+ payment methods across Brazil, Argentina and Mexico (incl. PayPal). Migrated the checkout platform from Oracle ATG to Spring Boot microservices with Jenkins CI/CD.

Earlier experience: Java roles at **IBM Brasil** (Senior Architect, 2015–2016), **Smiles** (Java Solution Architect, 2014–2015), **Cielo** (Java Specialist, 2014), **Capgemini** (Java Tech Lead, 2012–2014), **Autbank**, **BV Financeira**, **Amdocs** (2007–2012).

EDUCATION & CERTIFICATIONS

BSc Computer Science · UNESP (Universidade Estadual Paulista) · 2004 – 2007

Sun Certified Web Component Developer (SCWCD 5.0) · 2010

Sun Certified Programmer (SCJP 5.0) · 2009

LANGUAGES

Portuguese (native) · **English** (fluent) · **Dutch** (basic; working toward fluency by end of 2026) · **Spanish** (basic)