Sergey Kalaus

Senior Software Engineer — TypeScript / Node.js / Vue / React

Location: Berlin, Germany
Email: sergey@kalaus.me
Work authorization: German citizen · EU work authorization · No sponsorship required
Languages: English (Fluent), German (B1), Russian (Native)

Professional Summary

Senior Software Engineer specializing in JavaScript and TypeScript, with extensive experience building and evolving production web applications, APIs, browser SDKs, and distributed systems. Hands-on across frontend and backend, with Vue.js, React, Node.js, GraphQL, REST APIs, and modern testing and infrastructure. Experienced in owning architecture and implementation for business-critical product features. Recent wor includes practical LLM integrations for product data pipelines, support chat systems, and automation tools.

Technical Skills

- **Languages:** TypeScript, JavaScript
- **Frontend:** Vue.js, React, Next.js, Angular, HTML/CSS, Web Components, Design Systems
- **Backend & APIs:** Node.js, NestJS, GraphQL, REST APIs, WebSockets, SSE, gRPC
- **Data & Messaging:** PostgreSQL, MySQL, Redis, RabbitMQ
- **Cloud & Infrastructure:** Kubernetes, Docker, AWS, Google Cloud (GCP), GitHub Actions, GitLab CI/CD
- **Testing:** Playwright, Cypress, Jest, Vitest, end-to-end testing
- **AI & Automation:** LLM integrations, tool calling, RAG, embeddings, vector search, OpenAI, Gemini, MCP, n8n

Experience

Senior Frontend Engineer

Kaufland e-commerce — Remote, Germany
August 2023 – Present

- Build and evolve frontend and full-stack capabilities for Kaufland Marketplace's seller platform using Vue.js, TypeScript, Node.js, and GraphQL; the marketplace network serves 13,000+ sellers across seven European marketplaces.
- Designed the frontend architecture and structured content format for rich product content, then built the seller-facing editor and reusable rendering widget used on marketplace product pages.
- Build complex product-data interfaces for marketplace sellers, including spreadsheet-like workflows with editable attributes, validation states, filtering, sorting, and bulk interactions.
- Built the initial version of an internal support chatbot and several LLM-powered product-data workflows for validation, classification, and enrichment; also integrated AI-assisted self-service features directly into the seller portal.

Senior Software Engineer III

Carted Inc. — Remote, Australia
January 2022 – July 2023

- Designed and built a customizable React/TypeScript browser SDK, distributed through a public script URL, that allowed customers to embed Carted's checkout functionality into third-party websites.
- Defined the SDK integration API and implemented real-time handling of streamed backend events for customer integrations.

- Contributed to the shared design system used across Carted products and developed GraphQL APIs supporting frontend applications and SDK integrations.

Software Engineer

Smartly.io — Remote, Finland
October 2021 – January 2022

- Worked as a full-stack engineer on the Smartly.io platform, delivering product features across frontend and backend systems within a cross-functional engineering team. Mainly assets system.

Senior Frontend Developer

MyHammer AG — Berlin, Germany
June 2017 – September 2021

- Developed and maintained business-critical marketplace functionality, including job-posting flows and communication between customers and tradespeople.
- Designed the architecture and built the core of a GraphQL Backend-for-Frontend layer, defining its initial API surface and implementation; the BFF was subsequently extended by other engineers.
- Contributed to the incremental migration of the marketplace frontend from AngularJS to Angular while keeping existing production flows operational.
- Collaborated with backend engineers on API design and integration for frontend applications.

Full-Stack JavaScript Developer

Pixc Inc. — Remote
May 2015 – June 2017

- Built and maintained Shopify applications using Node.js and React, including user accounts, subscriptions, Stripe payments, and Shopify payment integrations 5 active apps with over 20000 installs.
- Developed and operated an asynchronous image-processing pipeline handling approximately 1 million images per day using RabbitMQ and background workers.
- Defined application architecture, development tooling, and engineering practices for a small remote startup team while remaining hands-on across frontend, backend, and delivery.

Earlier Experience

Before 2015, worked as a web developer and later co-founded a web development studio, delivering 100+ client projects including business applications, internal systems, marketplace-style products, and commercial websites. Took responsibility for architecture, implementation, deployment, and client delivery.

Education

- Volgograd State Technical University / Software Engineering / CAD — coursework (not finished)
- Volgograd Academy of Public Administration / Civil law degree

Links

Homepage: https://kalaus.me
LinkedIn: https://www.linkedin.com/in/kalaus
GitHub: https://github.com/s-kalaus