

Lukas Babaliauskas

Senior Product Engineer | Full-Stack TypeScript & Applied AI

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SUMMARY

Senior product engineer with 8+ years building customer-facing SaaS across TypeScript/React, Node.js, PostgreSQL, and AWS, plus applied LLM systems. At NinjaOne, lead and manage a small engineering team delivering user-facing features end-to-end. Independently built a kindergarten-management platform used by hundreds of schools and created EvalShift, an open-source LLM migration and regression-testing system for AI agents. Strong product judgment, technical ownership, and hands-on full-stack execution.

CORE SKILLS

Product Engineering: TypeScript, JavaScript, React, Next.js, Node.js, REST APIs, WebSockets, Component systems

Applied AI & Data: LLM evals, Agent/tool-call evaluation, LLM-as-judge, RAG, Embeddings, pgvector/vector search, PostgreSQL, SQL

Cloud & Delivery: AWS ECS/EKS, Lambda, API Gateway, S3, IAM, DynamoDB, CDK, Docker, CI/CD, Python, Go, FastAPI

PROFESSIONAL EXPERIENCE

NinjaOne — Software & Platform Engineer

Oct 2021 – Present

- Lead and manage a small engineering team delivering customer-facing SaaS features across React/TypeScript frontends and Node.js/TypeScript backend services.
- Own technical design and execution for complex user-facing features, partnering with product, design, and UX to turn requirements into fast, intuitive, maintainable workflows.
- Design scalable REST APIs, microservices, and data flows for high-traffic SaaS; optimize rendering, state management, API latency, and database queries for responsive product experiences.
- Build reusable React/NPM component systems and provide technical direction through architecture decisions, code reviews, mentoring, and engineering standards.
- Operate production delivery end-to-end with automated testing, CI/CD, containerized AWS services, security checks, and Infrastructure as Code with AWS CDK.

SELECTED PROJECTS

EvalShift — Open-Source LLM Evaluation & Migration System

github.com/babaliauskas/evalshift-cli

- Built a local-first LLM migration and regression-testing system for AI agents that replays golden suites against candidate models and evaluates structural, semantic, LLM-as-judge, and tool-call behavior.
- Designed agent-specific regression checks for tool selection, arguments, and sequencing, plus statistical analysis with paired tests, Cohen's d, 95% confidence intervals, and Benjamini-Hochberg correction.
- Added regression-budget verdicts, single-file HTML reports, and CI/PR gating via a GitHub Action, with optional hosted run history and diffs while keeping local evaluation artifacts private by default.

KidViq — Independent Product Project

Jan 2024 – Nov 2025

- Built and shipped a daycare/kindergarten management platform used in production across hundreds of kindergartens, covering scheduling, payments, child-records CRM, documents, messaging, and development tracking.
- Led a small team across a React/TypeScript web platform and two Flutter apps for parents and teachers; owned architecture, code-quality standards, and delivery across Node.js, PostgreSQL, AWS, and Flutter/Dart.

EARLIER EXPERIENCE

Byrider — Software Engineer

Oct 2019 – Oct 2021

- Led frontend development across React/Redux applications, set architecture/component standards, built Node.js APIs, and integrated AWS serverless workflows (S3, Lambda, API Gateway, DynamoDB).

Infosys — Full-Stack Developer

Jan 2019 – Oct 2019

- Built Node.js REST APIs and Vue.js interfaces with reusable components, authentication, validation, logging, testing, and linting for more reliable releases.

EDUCATION

B.Sc. Mathematics & Computer Science — Lithuanian University of Educational Sciences, Vilnius, LT · 2011

Full-Stack Web Development — DevMountain, Provo, UT · 2018