

Lukas Möller

Senior Full Stack Engineer

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Professional Summary

Senior Software Engineer with 7+ years of experience building production-grade web applications across frontend, backend, databases, APIs, and DevOps. Strong full-stack background across React, Next.js, Angular, Node.js, PHP/Symfony, Laravel, Swift, PostgreSQL, Supabase, Docker, CI/CD, and cloud-native development practices. Recently focused on AI-native product development, including agent systems, RAG-based search, tool-enabled workflows, structured outputs, Langfuse observability, evaluation harnesses, OpenRouter integrations, and AI-assisted development workflows using Codex, MCP servers, Claude Code, LangGraph and Mastra.

Core Skills

- **Languages:** TypeScript, PHP, JavaScript, Swift, SQL, HTML, CSS/SCSS
- **Frameworks:** React, Next.js, Node.js, Symfony, Angular, Laravel, iOS Native (Swift)
- **Databases:** PostgreSQL, MySQL, Supabase, CloudKit
- **DevOps & Cloud:** Docker, Kubernetes, CI/CD, AWS
- **AI Engineering:** Agent Systems, RAG, Tool Calling, Structured Outputs, Prompt Engineering, Context Engineering, Langfuse, Evaluation Harnesses, LLM-as-a-Judge, OpenRouter, LangGraph, Mastra, MCP

Professional Experience

Independent Software Engineer | Self-Employed – Berlin Jun 2025 – Present

- Designed and implemented an AI personal trainer agent for a native iOS fitness application, including workout history analysis, plan generation, plan adaptation, exercise exploration, and progress-based recommendations.
- Built tool-enabled agent workflows, RAG-based exercise exploration, LLM integration, PII redaction, and Zero Data Retention (ZDR) safeguards.
- Developed a Langfuse-based evaluation harness using traces, spans, datasets, prompt management, golden answers, automated evaluators, human annotation, regression testing, and LLM-as-a-Judge methodologies.
- Architected an AI-native migration planning platform using Next.js, TypeScript, Supabase, Mastra, RAG search, structured outputs, and validation logic.

Backend Developer (Full Stack) | Productsup GmbH – Berlin Nov 2022 – Jun 2025

- Optimized backend microservices using PHP (Symfony) and Node.js/TypeScript, improving API response times by 35% and deployment consistency via Docker CI/CD.
- Designed and implemented a comprehensive Activity Log module in Angular, improving traceability across user actions for large-scale enterprise software.
- Improved CI/CD pipelines and containerization with Docker and GitHub Actions, enhancing deployment reliability.

Software Developer | Epikur Software GmbH – Berlin Nov 2020 – Oct 2022

- Led the development of key frontend modules in Angular for a large-scale healthcare platform.
- Enhanced testing coverage with unit and integration tests (Jest, Jasmine), drastically improving platform stability and maintainability.
- Conducted code reviews, pair programming, and mentored junior developers on best practices.

Software Developer | VISC Media UG – Berlin Mar 2020 – Nov 2020

- Developed 'Visticle', a multi-tenant Laravel/PHP e-commerce platform enabling retailers to synchronize products across Amazon, Zalando, and other channels.
- Implemented scalable RESTful APIs for seamless data exchange between the backend, storefronts, and third-party providers.
- Managed full-stack and DevOps responsibilities including server provisioning and Docker-based deployment pipelines.

Freelance Developer | Self-Employed – Berlin Feb 2019 – Mar 2020

- Prototyped a multi-tenant e-commerce platform and built a cross-platform mobile app in Flutter.
- Handled full-stack website maintenance, backend migrations, and bug fixes for various clients.

Junior Software Engineer | fotograf.de – Berlin Jun 2018 – Feb 2019

- Supported large-scale e-commerce development using PHP (CakePHP) within an agile, SCRUM-based AWS microservice architecture.

IT Specialist for Application Development | RIB Software SE Sep 2015 – May 2018

- Completed a 3-year apprenticeship focused on full-stack web development.
- Worked on internal PHP-based web applications and gained experience in MVC architecture, JavaScript, and relational databases.
- Learned professional software development workflows including Git, agile methods, and structured testing.

Education

- **Vocational Training: IT Specialist for Application Development** | OSZIMT, Berlin (2015 – 2018)
- **Diploma (Abitur)** | Wilhelm-Raabe Gymnasium, Lüneburg (2005 – 2015)