Sebastian/CONSULTING

Sebastian Fastner

Senior Technology Consultant

Frontend & Fullstack

Diplom-Informatiker (FH) – German diploma in computer science

26 years of software development leave a mark – in my case, products running in more than ten countries. At DWS Group, I built an investment platform serving European and Asian markets. At Witt, I laid the technical foundation for 17 online shops. For Regrello, I developed an AI translation pipeline that enables users of different languages to collaborate seamlessly.

I am at home in TypeScript, React, and Convex. Alongside that comes a tooling stack that shows frontend has long been more than just UI: Vite, Vitest, Playwright, Infrastructure as Code, CI/CD, authentication, secure deployments, and production-grade backends. But technology alone does not interest me much. What drives me: architectures that can grow without collapsing under their own weight. Code that the next team can understand too. And an honest assessment of when a new tool adds real value – and when it merely adds complexity.

At Sebastian Software, I work as a Senior Technology Consultant where frontend architecture, full-stack SaaS, mobile, and internationalization intersect. Not as an external contractor who simply delivers code, but as a partner who shares knowledge, makes product decisions technically robust, and helps teams move forward.

Personal Details

- Mainz, Germany
- German and English
- preferably remote + occasional on-site
- s.fastner@sebastian-consulting.de
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Industry Experience

Telecommunications	10 years
Fintech	7 years
E-Commerce	3 years
Enterprise Software / SaaS	3 years

Project Experience

Compliance Management Platform

WaPo Compliance · Osnabrück, Germany
Technical Partner · React & DevOps · September – October 2026

WaPo Compliance combines compliance consulting with a modular, AI-assisted SaaS platform for mid-sized companies. It covers data protection, information security, risk management, internal controls, and whistleblower protection, and lets consulting and white-label partners serve their clients while keeping each client's data strictly separate. As the technical partner of the two founders, I advise on architecture and the business modules and build alongside them, on the product as well as the platform.

Leading up to the first production deployment, my main focus was making the platform reliable to test, ship, and restore. Staging and production now share one deployment workflow, new environments are set up by script, and CI runs leaner with sharded test suites and shared caches. Restore tests check that a recovered database is actually usable, database passwords no longer end up in server logs, and uploaded PDFs are sanitized. On the product side, I work on the business modules, for example the whistleblowing system from the database to the React interface.

Pharmaceutical Reference Portal

Vidal MMI Germany · Langen, Germany
Senior React Developer · September – October 2026

Vidal MMI, part of the VIDAL Group, publishes Gelbe Liste Online, a reference portal on drugs, active ingredients, and manufacturers for physicians, pharmacists, and other healthcare professionals. Before launch, its React frontend had to be made production-ready, and I stepped in at short notice to support the team.

I took on work across the application: access rules based on professional group and prescription status, search including the IDENTA drug identification, product pages, and structured data and tracking for search engines and advertising. Targeted regression tests and a shared TypeScript and lint check secure these fixes.

Appointment Booking System

Terminaro · Product by Sebastian Software GmbH · SaaS · Rhine-Main, Germany
Product Engineer · January – August 2026

For Terminaro, a product by Sebastian Software GmbH, I built a web-based appointment booking system for freelancers and companies as a Product Engineer, moving scheduling coordination out of email threads and into a shareable, multilingual booking link. Visitors can view available time slots without registration, book in their own time zone, and cancel appointments through a personal link. I owned the product from the public booking page to the administration area, with a strong focus on GDPR-oriented workflows, a cookie-free booking page, and reliable availability calculation.

React Router 7, TypeScript, and Convex form the technical foundation. The application integrates Google Calendar via OAuth as well as CalDAV-compatible calendars such as iCloud and Fastmail, generates iCal feeds, sends customizable email templates through customer-owned SMTP servers, and protects sensitive credentials through encryption. Better Auth with Pocket ID, Bunny.net Static Hosting with Edge Middleware, security headers, rate limits, health checks, and an extensive Vitest-/Playwright-oriented test base support operations and ongoing development.

AI-Powered Localization Platform

Palamedes · Product by Sebastian Software GmbH · Dev Tools · Rhine-Main, Germany
Product Architect · October 2025 – June 2026

For Palamedes, a product by Sebastian Software GmbH, I was responsible as Product Architect for a developer-first product for AI-powered localization designed to move translation work out of the release bottleneck. Instead of optimizing traditional translation tickets, manual exports, and downstream review loops, it focuses on a CLI-first workflow for PO- and MessageFormat-based projects. I brought product strategy, positioning, the open-core split, website, newsletter backend, and API/pipeline infrastructure into a cohesive product approach.

The product core separates an open, local i18n foundation from a commercial translation and control layer. Delta translations, terminology and protected terms, context enrichment, QA reports, targeted retries, and traceable PO metadata form the central product functionality. The website was built with React Router 7, Vanilla Extract, Lingui, and self-hosted Convex; newsletter flows, a preference center, double opt-in, unsubscribe mechanics, Relanto email delivery, Pocket ID admin authentication, and a Convex-based API key and pipeline structure support the product architecture.

AI-Powered Internationalization

Regrello · San Francisco, USA
Senior Technology Consultant · October 2024 – September 2025

Regrello Corp., an AI-focused supply chain management startup acquired by Salesforce in late 2025, needed full internationalization using large language models. I led the initiative and evaluated translation quality from English into six target languages: French, German, Chinese, Spanish, Korean, and Thai. The plugin system translated new or changed app content, workflow titles, and task descriptions within seconds using an event-driven workflow, first into participants' native languages and then into all available languages.

A plugin system for GraphQL resolvers and mutations in the Go backend formed the core of the solution. Translations were integrated transparently into the service APIs and cached in Redis. Temporal workflows with queues, workers, retry mechanisms, throttling, and rate limiting controlled processing. Because plain-text user content could not be stored in the queue for security reasons, I developed a performant encryption system for Temporal. I also built CLI and operations tools for job management, testing new workflows, and retrying failed translations. The backend was restructured and decoupled, making it easier to maintain and understand.

Investment Management Platform

DWS / MorgenFund · Frankfurt am Main, Germany
Senior Frontend Architect · October 2020 – July 2024

As Senior Frontend Architect, I continued the DWS Robo-Advisor WISE after its 2022 transfer to MorgenFund. I modernized it on Azure, ported the dashboard from React to React Native, and rolled it out to further European and Asian markets.

I introduced continuous deployment for faster, reliable releases and a shared web/mobile architecture. Jest and React Testing Library covered core UI behavior across varying regulatory and localization requirements.

Multi-Brand E-Commerce Platforms

Witt-Gruppe (Otto Group) · Weiden in der Oberpfalz, Germany
Senior Frontend Architect · April 2019 – September 2020

I led the rebuild of 17 Witt Group online shops as a scalable multi-brand platform for international markets. Contentful enabled reusable, SEO-controlled pages and faster launches.

Next.js, React, and Styled Components formed the frontend; Apollo GraphQL unified the backend services. AWS, Kubernetes, and Vault supported secure continuous deployment, while GraphQL query tests protected releases.

Robo-Advisor Investment Platform

DWS (Deutsche Bank) · Frankfurt am Main, Germany
Senior Frontend Architect · April 2016 – March 2019

As Senior Frontend Architect, I took WISE from DWS prototype to production. Its sales-pitch prototype included an investment-profile wizard; the production platform added risk profiling, DocuSign onboarding, and a dashboard across more than ten European and Asian portals.

After a Vue.js/MobX prototype, I ported the frontend to React and TypeScript, built an enterprise React component library, and owned the Webpack, Babel, and ESLint tooling. Spring Boot connected investment and CRM systems; Keycloak handled OpenID/OAuth. REST services and CI/CD ran on Microsoft Azure.

Additional Projects

2016	**Deutsche Telekom** · Senior Application Architect OneNumber Mobile App (Phase 2)
2015–2016	**Jako-o** · Lead Application Architect Gift Registry & Gift Advisor
2015	**Deutsche Telekom** · Lead Application Architect OneNumber Mobile App
2014	**Suzuki Deutschland** · Fullstack UI Architect E-Learning Platform
2014	**Deutsche Bank** · Frontend Developer Virtual Data Centers
2010–2013	**Deutsche Telekom / Tolino-Allianz** · JavaScript Developer Tolino E-Book Platform
2010–2013	**Deutsche Telekom** · JavaScript Developer UnifyJS Mobile Framework
2010	**Deutsche Telekom** · Mobile Developer FIFA World Cup 2010 App
2008–2009	**Deutsche Telekom** · Frontend Developer Infrastructure Monitoring
2007–2008	**3ado AG** · Java Fullstack Developer JourFixe Meeting Management
2006–2007	**netz98** · Frontend Developer Social Shopping Platform
2006	**Commerzbank** · Java Developer Credit Portfolio Management Tool

2006	**Creative Communications** · PHP Developer Web-Based Promotion Management
2004–2008	**DoubleF IT** · Founder & Managing Director Wireless LAN Infrastructure
2002–2005	**Technische Hochschule Bingen** · IT System Administrator IT System Administration
2000–2001	**Boehringer Ingelheim** · Software Developer Requirements Management for BIX@

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