

Tim Abing

SOFTWARE DEVELOPER & AI ENGINEER

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Rietberg, Ostwestfalen-Lippe, Germany · remote preferred

Software engineer with 28 years of experience in software development, around 25 of them on the web - from corporate intranet solutions to AI agents. Focused on frontend (Vue.js, Nuxt, TypeScript) and the trained eye from five years in a design agency. Since 2023 also deeply into AI engineering: custom tools for recurring work, test-driven development with AI, and searchable knowledge bases that AI systems draw their context from.

Experience

since 08/2024

Senior Software Developer · comspace GmbH & Co. KG

Back at the digital agency comspace, which specialises in digital experience platforms: content management, commerce, customer data and analytics grow into one platform there. Frontend development with Vue.js, Nuxt and headless CMS (Storyblok) for mid-sized to complex web projects - component work in Storybook, covered by Vitest and Playwright tests.

Vue.js Nuxt Storyblok TypeScript

since 2018

Self-employed software development · side business

2018-2023: web design and website development with CMS integration. Since early 2023 AI engineering: AI first as a code companion in reviews, then in generation - in 2023-2024 a few smaller website projects came out of that. Since 2024 test-driven development with AI: tests are generated, my own test agents verify the results - separate from the tool that produced the code. Since 2025 agent-driven planning plus a harness of my own with more than 25 skills. Outside working hours and on a small scale.

Web Design CMS AI Engineering

05/2024 - 07/2024

Frontend Engineer · WPS Management GmbH

Maintaining and extending the user interfaces with TypeScript, Vue.js and Vite. Focus on test automation and E2E integration tests with Cypress, in a fully English-speaking environment. A deliberate step into product development, secured with an option to return to comspace - when the move did not meet my expectations, I went back after three months.

TypeScript Cypress Vue.js Vite

12/2017 - 04/2024

Senior Web Developer · comspace GmbH & Co. KG

Conception and delivery of complex web projects. Frontend with Vue.js and Nuxt plus integration of headless CMS (Storyblok); until 2020 .NET web applications with Sitecore as a Certified Developer. Coordinating the dev team, QA across UX/UI, performance and technical SEO.

Vue.js Nuxt Headless CMS Sitecore .NET

08/2017 - 11/2017

Application Developer · heroal - Johann Henkenjohann GmbH & Co. KG

Application development in an industrial setting. Ended during the probation period by my own choice - I missed agency life with its variety of projects and clients.

10/2015 - 07/2017

Senior Web Developer · TERRITORY CTR GmbH

I joined to help build an in-house development team. Technical delivery of database-driven, responsive websites with TYPO3, PHP and SCSS; technical point of contact for the enterprise CMS censhare - focused on XSLT, interfaces and customizing. When the agency moved from arvato to Gruner + Jahr, the decision was made to hand development back to external partners - the reason I had joined was gone.

TYPO3 PHP censhare XSLT

12/2010 - 09/2015

Web Developer / E-Business Team Lead · A3PLUS GmbH

After twelve years in a corporation, a deliberate move to the design agency: away from intranet applications, towards visible design and client projects with short paths. This is where the trained eye for the visual came from. Technical project and team lead, building database-driven web projects with TYPO3 and PHP to UX/UI specs.

TYPO3 PHP Team Lead Project Lead

10/2006 - 11/2010	Software Engineer / Senior IC Consultant · Siemens IT Solutions and Services Solution architecture and technical project lead of the web-based e-procurement solution "eBanf", integrated with several SAP systems, an approval workflow and reporting. Built with ASP.NET (C#), MS SQL Server / T-SQL and web services. ASP.NETC#T-SQLSAP integration
2004 - 2006	IC Consultant · Netzwerk Service GmbH (Siemens group) Application development at a company within the Siemens group - and my way back into the corporation and into permanent employment.
2001 - 2004	Working Student · Siemens Business Services Entry into professional software development alongside my studies: web-based intranet solutions with VB.NET, VBA, MS Access and SQL.

Education

10/2001 - 06/2004	Media Informatics studies · Paderborn University No degree.
08/1998 - 06/2001	Vocational training, IT specialist (application development) · Siemens AG, Paderborn Including training as a software-techniques consultant (grade: very good).

Technologies

FRONTEND Vue.js, Nuxt, Astro, TypeScript, JavaScript, SCSS, HTML5, Storybook	TESTING Playwright, Cypress, Vitest, E2E integration tests
CMS Storyblok, Sitecore, TYPO3, censhare	BACKEND .NET (C# / VB.NET), PHP, T-SQL, MS SQL Server, web services
AI ENGINEERING Claude Code, AI agents in a harness of my own, RAG / embeddings, test-driven development with AI, AI knowledge management	

Certifications & Languages

German	Native	Episerver (now Optimizely) Content Cloud Developer Certification	2021
English	B2 - spoken & written	Sitecore Experience Commerce	2019
French	Basic	Sitecore Certified Platform Associate	2018
		censhare Admin & Web Developer training	2015
		Cambridge First Certificate in English (grade B)	2000

Engagement

Built, ran & sold the running community laufen-aktuell.de	2001 - 2007
Forum moderation · runnersworld.de (grew out of laufen-aktuell.de)	since 2007
Secretary & youth (Bambini) football coach · Druffeler SG	volunteer
Built & maintains the club website druffelersg.de	volunteer