

# Curriculum Vitae of Bastian Nolte (V: Full-Stack Arch/Dev)



Consultant & hands-on Architect in AI and Cloud Optimized Solutions

Enterprise full-stack Developer  
Engineering Excellence Coach



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**Professional Experience** 28 years of experience in the IT sector, including approximately 15 years in architecture and consultancy roles, and 5 years as a coach. I have extensive experience working in international environments and have been part of English-speaking teams for the past 4 years. I bring extensive knowledge in AI, Azure cloud solutions, full-stack architecture, and development, as well as code quality practices to your company.

**Social Tags** Solution Driver, Connector, Innovator

**Tech Tags** Robust, effective and efficient solutions including: Microsoft Azure, Internal Developer Platforms (IDP), CI/CD (GitLab, GitHub Actions), DevOps, AI Agent Teams, Claude Code Skills, Java (EE/Spring), Single Page Applications (Lit Web Components/React/Angular)

**Email** business@bastian-nolte.name

**Comprehensive version** WEB <https://bastian-nolte.name/en>  
PDF <https://bastian-nolte.name/downloads/bastian-nolte.resume.en.pdf>

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**Xing** [https://www.xing.com/profile/Bastian\\_Nolte](https://www.xing.com/profile/Bastian_Nolte)

**LinkedIn** [https://www.linkedin.com/in/bastian-nolte/?locale=en\\_US](https://www.linkedin.com/in/bastian-nolte/?locale=en_US)

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**Address** Grosswilstrasse 2, 6048 Horw / Lucerne, Switzerland

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**Citizenship** Germany

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**Residence permit** Switzerland (permanent residence permit C)

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**Applicable** INTL (International)

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**Preferred region of work** Remote: International (en/de)  
On site: Australia (generally possible), Switzerland (by arrangement)

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**Sector Experience** Artificial Intelligence, Insurance, Information Technology, Automotive, Service Provider, IT Service Provider, Public Service, Educational Institutions, Telecommunications, Energy Sector, IT Security

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**Languages** German (mother tongue), English (C1+)

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**Awards** Innovation Award Public Private Partnership 2009 (PPP) for the interdisciplinary use of New Media

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**Leisure activities** Surfing, Kayaking, Languages

## Information

This CV is available in other versions (e.g. the "long version") and in the following formats: "PDF", "Web" and "Markdown". An **overview of all versions** and media formats can be found on the page <https://bastian-nolte.name/en/resumes>.

The latest version of this document can be downloaded from the web address <https://bastian-nolte.name/downloads/bastian-nolte.resume.short.full-stack.en.pdf>.

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## Professional Development

Regular further education is the foundation of in-depth expertise. Therefore, I am constantly training myself, primarily using the possibilities of the World Wide Web. You can find a list of the most recent further education courses in the following table.

Year	Type	Organiser
2021	Microsoft Azure Certification AZ-900: Microsoft Certified Azure Fundamentals <a href="https://bastian-nolte.name/link/cert/ms-az-900">https://bastian-nolte.name/link/cert/ms-az-900</a>	Microsoft, Pearson VUE
2020	Kubernetes Certification LFS158x: Introduction to Kubernetes <a href="https://bastian-nolte.name/link/cert/lfs158x">https://bastian-nolte.name/link/cert/lfs158x</a>	The Linux Foundation, edX
2020	DevOps Kubernetes Camp Four-day intensive training on Kubernetes and Knative.	Software & Support Media GmbH Erkan Yanar
2019	Conflict Management and Constructive Conflict Resolution	oose Innovative Informatik eG Kim Duggen
2019	Communication & Moderation Techniques in IT	oose Innovative Informatik eG Tina Busch
2019	Certified iSAQB-Modul «Advanced Level DDD» Domain-Driven Design at the Software Architecture Camp	Software & Support Media GmbH Matthias Bohlen

Further training and details at <https://bastian-nolte.name/en/resume#professional-development>

## Project excerpts

The following chapters present my work profile to date using project extracts as examples. The presentation is in tabular form and includes my role in the respective projects, including a description of the projects. The technologies and the tools used can be found in the web version <https://bastian-nolte.name/en/resume> and the comprehensive PDF <https://bastian-nolte.name/downloads/bastian-nolte.resume.en.pdf>.

## Vocabulary Flashcard App with Lit and Web Components

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Designed and implemented together with a Claude Code Agent Team: A modern vocabulary learning application built on native Web Components with only two production dependencies. Features include 3D flip animations, keyboard-first interaction, and reactive state management via TC39 Signals.

<b>Role</b>	<b>Research, Architecture, Development</b>
<b>Period</b>	January 2026 - April 2026
<b>Activities performed</b>	<ul style="list-style-type: none"> <li>- Design and implementation of a component-based architecture using Lit and Shadow DOM</li> <li>- Reactive state management with TC39 Signals and computed properties</li> <li>- Implementation of 3D card flip animations with CSS transforms</li> <li>- Keyboard-first user experience with shortcut system</li> <li>- Persistent learning progress via localStorage</li> <li>- Minimal dependency architecture with only two production dependencies, reducing bundle size and supply-chain risk</li> </ul>
Details: <a href="https://bastian-nolte.name/en/resume#project-26b6da22-3825-4753-a782-399ca9ff1edc">https://bastian-nolte.name/en/resume#project-26b6da22-3825-4753-a782-399ca9ff1edc</a>	

## Azure Cloud Consulting & Software Craftsmanship Coaching

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### Follow-up project

Azure cloud consulting and software craftsmanship coaching for one of the world's biggest Microsoft Azure clients.

<b>Role</b>	<b>Azure Cloud Consulting, Software Craftsmanship Coaching</b>
<b>Period</b>	July 2025 - January 2026
<b>Activities performed</b>	<ul style="list-style-type: none"> <li>- Consulting in Azure architecture and cloud best practices</li> <li>- Support the international group's central Azure cloud solutions team in architecture and consult on implementing central top-notch Azure cloud solutions</li> <li>- Conducting training courses and workshops on code quality, test-driven development in the infrastructure environment, and cloud architectures</li> </ul>

## CSS Insurance

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### (2018 - 2020)

CSS Insurance is not just a health insurance company but an insurance company for every situation in life. When it comes to health, around 1.7 million people place their trust in CSS. Its wide range of products includes health, accident and property insurance.

## Excellence and Innovation

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### Consultant and trainer for innovation, as well as software excellence and craftsmanship

From 2018 to 2020, I supported CSS Insurance in various areas. I promoted the further development of employees in my stream towards even more excellence and know-how by planning and conducting training and workshops on excellence and innovation topics.

I also supported and actively participated in introducing mob and pair programmings, mainly on software craftsmanship and software excellence.

Furthermore, I supported the client in the development areas of front-end and back-end development and DevOps to initiate the transition into the world of cloud computing.

I helped my SCRUM teams analyse concrete problems, find solutions and implement them while adhering to best practices, and provided advice to the teams and lead architects of my stream.

<b>Role</b>	<b>Consultant and trainer for excellence and innovation topics</b>
<b>Period</b>	October 2018 - June 2020
<b>Activities performed</b>	<ul style="list-style-type: none"> <li>- Conducted workshops and training:</li> <li>- Software Development in the Mob "Methodology and Implementation".</li> <li>- Coding Dojos on various software craftsmanship topics and excellence topics, such as test-driven development (TDD), clean code and SOLID principles.</li> <li>- Introduction to Domain-driven Design (DDD)</li> <li>- Fullstack development under MacOS</li> <li>- The basics of the programming language Kotlin</li> <li>- Programming with "observable streams" and ReactiveX</li> <li>- High-performance microservices with Quarkus and GraalVM</li> <li>- Introduction to Docker and Kubernetes</li> <li>- Continuous Integration with Microsoft Azure DevOps Pipelines</li> <li>- Introduction to Microsoft Azure Cloud</li> <li>- Front-end development in Angular, React, Vue.js with Flow/Redux/NgRx and Immutables</li> </ul>

Details: <https://bastian-nolte.name/en/resume#project-85110d3a-4120-4f09-ac1f-cb2a17899cec>

### More projects at the internet on my digital Curriculum Vitae at

<https://bastian-nolte.name/en/resume#projects>.

### Soft skills

<b>Acting on one's own responsibility</b>	Analysing, Advising, Implementing, Checking / Testing, Improving
<b>Myself</b>	Introspection, Self-efficacy expectation, Personal responsibility, Self-discipline, High perceptiveness
<b>Others</b>	Helpfulness, Empathy, Critical faculties, Language competence
<b>Collaboration</b>	Team player, Flexibility, Committed, Professional competence

### Know-how

You will find a complete **representation of my know-how** in my digital curriculum vitae at <https://bastian-nolte.name/en/resume#know-how>.

### Development (in general)

<b>Cloud</b>	Microsoft Azure Cloud Computing Services (Microsoft Azure), Kubernetes (k8s), netlify, Azure DevOps Services
<b>Programming languages</b>	Java, Kotlin, F#, C#, Python
<b>Frameworks</b>	Spring Framework (Spring), Java Platform, Enterprise Edition (JEE), Jupyter Notebooks, .NET 6 (.NET Core)

<b>Script Languages</b>	TypeScript, JavaScript (ECMAScript, ES)	
	Command Line Interfaces	Bash/ksh/csh/zsh/..., PowerShell (PowerShell Core), Regular expressions (RegExp, Regex)
<b>Databases</b>	NoSQL	Azure Cosmos DB, Neo4j graph database (neo4j), MongoDB
	Relational databases	MySQL, Oracle Database (Oracle Database Server, Oracle RDBMS), Microsoft SQL Server (MS SQL Server), PostgreSQL
	Directory services	OpenLDAP (LDAP)
	Database- / query languages	GraphQL, Gremlin Graph Traversal Machine and Language (Gremlin Graph Query Language), Cypher Query Language, Java Persistence Query Language (JPQL, Jakarta Persistence Query Language), Java Persistence Criteria API, Java Named Queries (JPA Named Queries), Hibernate Query Language (HQL), SQL, PL/SQL, Transact-SQL (T-SQL), LINQ (Language Integrated Query)
<b>Container</b>	containerd, Docker	
<b>Communication</b>	Azure Service Bus, Azure Event Grid, RabbitMQ	
<b>Web</b>	HTML5 (HTML), CSS, Sassy CSS (SCSS, SASS), {less} (lesscss)	
	JavaScript (ECMAScript, ES)	Vue.js, Vuetify (Material Design Component Framework), Angular, React (reactjs), TSX (Typed JSX), Gatsby (gatsbyjs, Static Site Renderer), Next.js (NextJS), Apache Cordova, jQuery, Sencha Ext JS, JSON Web Token (JWT), Material Design, Node.js® (node)
<b>Markup languages</b>	CSS, FXML, HTML (HTML), JavaScript Object Notation (JSON), JSON Schema, Unified Modeling Language (UML), Web Application Description Language (WADL), Web Services Description Language (WSDL), Extensible Markup Language (XML), YAML Ain't Markup Language (YAML), TOML (Tom's Obvious, Minimal Language), Open Graph protocol	
<b>Development Environments</b>	JetBrains IntelliJ IDEA, Neovim (LazyVim), Microsoft Visual Studio Code (VS Code)	

## Artificial Intelligence

<b>Platforms / Chatbots / Agents / Tools</b>	Claude AI, Claude Code, Claude Cowork, Replit, GitHub Copilot, Microsoft Copilot, JetBrains Junie (JetBrains AI coding agent)
<b>Models</b>	GPT *, Claude Sonnet, Opus, Haiku, etc.
<b>Pattern and Tasks</b>	End-to-end AI model transformation, Modelling, Prompt Engineering, Claude Rules, Custom Agents, Custom Subagents, Claude Code Skills, Model Context Protocol (MCP), Retrieval-Augmented Generation (RAG), Claude Agent Teams, Claude Code Hooks, Claude Code Plugins, Ralph Wiggum Loops

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## Usage of this Curriculum Vitae

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This Curriculum Vitae is publicly available for download at the web address <https://bastian-nolte.name/en/resume>. Forwarding this resume to a potential client - for example, by a recruiter or a temporary employment agency - does not constitute the initiation of a placement. Any modification or adaptation of this CV, including excerpts, requires my permission. The use of this CV or extracts thereof for any purpose other than initiating an assignment requires my written authorisation.