

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>

Xing https://www.xing.com/profile/Bastian_Nolte

LinkedIn https://www.linkedin.com/in/bastian-nolte/?locale=en_US

Address Lucerne | 8005 Zürich, Switzerland

Citizenship Germany

Residence permit Switzerland (permanent residence permit C)

Applicable INTL (International)

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

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

Languages German (mother tongue), English (C1)

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

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
2026	Anthropic Academy (ongoing) For details see: https://bastian-nolte.name/en/resume/#professional-development	Skilljar (Anthropic)
2021	Microsoft Azure Certification AZ-900: Microsoft Certified Azure Fundamentals https://bastian-nolte.name/link/cert/ms-az-900	Microsoft, Pearson VUE
2020	Kubernetes Certification LFS158x: Introduction to Kubernetes https://bastian-nolte.name/link/cert/lfs158x	The Linux Foundation, edX
2020	DevOps Kubernetes Camp Four-day intensive training on Kubernetes and Knative.	Software & Support Media Erkan Yanar
2019	Conflict Management and Constructive Conflict Resolution	oose Innovative Informatik Kim Duggen
2019	Communication & Moderation Techniques in IT	oose Innovative Informatik Tina Busch
2019	Certified iSAQB-Modul «Advanced Level DDD» Domain-Driven Design at the Software Architecture Camp	Software & Support Media 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>.

Projects 2026

In-house projects and small-scale contracts

Language Learning App with Lit and Web Components

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

Role	Research, Architecture, Development
Period	Since March 2026
Activities performed	<ul style="list-style-type: none"> - Design and implementation of a component-based architecture using Lit and Shadow DOM - Reactive state management with TC39 Signals and computed properties - Implementation of 3D card flip animations with CSS transforms - Keyboard-first user experience with shortcut system - Persistent learning progress via localStorage - Minimal dependency architecture with only two production dependencies, reducing bundle size and supply-chain risk - Internationalisation with @lit/localize and XLIFF-based translation workflow - Code quality assurance with Biome 2 for linting and formatting, TypeScript strict mode for static type checking, and Git pre-commit hooks for automated quality gating

Details: <https://bastian-nolte.name/en/resume#project-26b6da22-3825-4753-a782-399ca9ff1edc>

ista Corporate (part of CK Hutchison Group)

(Oktober 2022 – Januar 2026)

ista is an international building management technology company operating in 20 countries with over 6,300 employees. Specialising in energy efficiency and CO₂ reduction for residential and commercial properties, ista manages data and digital processes for more than 460,000 customers across approximately 14 million properties worldwide (as of January 2026).

Azure Cloud Consulting & Software Craftsmanship Coaching

Follow-up project

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

Role	Azure Cloud Consulting, Software Craftsmanship Coaching
Period	July 2025 - January 2026

- Activities performed**
- Consulting in Azure architecture and cloud best practices
 - Support the international group's central Azure cloud solutions team in architecture and consult on implementing central top-notch Azure cloud solutions
 - Conducting training courses and workshops on code quality, test-driven development in the infrastructure environment, and cloud architectures

CSS Insurance

(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

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.

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

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

Acting on one's own responsibility	Analysing, Advising, Implementing, Checking / Testing, Improving
Myself	Introspection, Self-efficacy expectation, Personal responsibility, Self-discipline, High perceptiveness
Others	Helpfulness, Empathy, Critical faculties, Language competence
Collaboration	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)

Cloud	Microsoft Azure Cloud Computing Services (Microsoft Azure), netlify, Azure DevOps Services, Google Cloud, Google Cloud Run	
Programming languages	Java, Kotlin, F#, C#, Python	
Frameworks	Spring Framework (Spring), Java Platform, Enterprise Edition (JEE), Jupyter Notebooks, .NET 6 (.NET Core)	
Script Languages	TypeScript, JavaScript (ECMAScript, ES)	
	Command Line Interfaces	Bash/ksh/csh/zsh/..., PowerShell (PowerShell Core), Regular expressions (RegExp, Regex)
Databases	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 (Postgres)
	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)
Container	Kubernetes (k8s), Google Cloud Run, containerd, Docker, Argo CD, cert-manager, Crossplane, Kustomize, Traefik	
Communication	Azure Service Bus, Azure Event Grid, RabbitMQ	
Web	HTML5 (HTML), CSS, Sassy CSS (SCSS, SASS), {less} (lesscss)	

JavaScript (ECMAScript, ES)	Lit, Web Components, Vue.js, 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, axios, Framer Motion, NgRx (reactive state for angular), Pinia, RxJS, TC39 Signals, Node.js® (node), Cloudflare Access, Cloudflare Tunnels, Jamstack, Tailwind CSS, Nginx
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Markup languages	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, Latex
Development Environments	JetBrains IntelliJ IDEA, Neovim (LazyVim), Microsoft Visual Studio Code (VS Code), Oracle SQL Developer

Artificial Intelligence

Platforms / Chatbots / Agents / Tools	Claude AI, Claude Code, Claude Cwork, Replit, ChatGPT, GitHub Copilot, Microsoft Copilot, JetBrains Junie (JetBrains AI coding agent)
Models	GPT *, Claude Sonnet, Opus, Haiku, etc.
Pattern and Tasks	End-to-end AI model transformation, Modelling, Prompt Engineering, Agentic Workflows, 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

Usage of this Curriculum Vitae

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.