

Curriculum Vitae - Christian Wahnsiedler



Contact

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Education

Abitur (Ø1.5), attained in 2015 from "Georg-Herwegh-Gymnasium"

B.Sc. Business Computing (Ø1.65), attained in 2021 from "University of Applied Sciences Berlin"

Certificates

Certified Kubernetes Application Developer

Validation number: LF-imrss47bmx

Validatable at <https://training.linuxfoundation.org/certification/verify/>

Microsoft Certified : Azure Fundamentals (AZ-900)

Validation number: R6446F-0E5A5C

Validatable at [this link](#) under "active certifications" and "passed exams"

AWS Certified Solutions Architect - Associate (exp.)

Validation number : Q13YHY0J3MVQQK5R

Validatable at <https://aws.amazon.com/verification>

AWS Certified Cloud Practitioner (exp.)

Validation number: 4Y8ELQ5DEMEQQ850

Validatable at <https://aws.amazon.com/verification>

Languages

German : Native

English : Fluent in English with a level of proficiency comparable to that of a native speaker

Professional Career

Position: Senior IT Consultant

Duration: Jan 2026 - Present

Company: Deloitte GmbH

Tasks:

- **Architected and led the end-to-end development** of a highly scalable, robust, and regulatory-compliant AI-powered document processing platform using **Google Document AI**, the **Gemini model family**, and custom-trained models via **Vertex AI Model Garden**. The solution processes and classifies documents across **over 2,000 document types** with high accuracy.
- Designed and implemented a **multi-stage AI pipeline** (classification → extraction → validation) leveraging Google Document AI custom classifiers, extractors, and Gemini models for intelligent document understanding and decision support.
- **Architected the full hybrid cloud architecture** (On-Prem Java services + GCP processing pipeline), including Pub/Sub-driven orchestration, Cloud Functions for processing steps, and BigQuery for audit & traceability – fully provisioned and managed as Infrastructure as Code using **Terraform**.
- Built and integrated **reusable, modular AI components** (generic classifiers, extractors, and on-prem connectors) that enable rapid onboarding of new use cases while maintaining strict data privacy, security, and compliance standards.
- Developed **On-Prem Java services** and **Python-based Cloud Functions** responsible for document ingestion, manifest generation, intelligent routing, and result finalization, ensuring seamless bidirectional integration with the client's existing systems (Kafka, Microsoft Exchange, internal databases).
- Optimized the platform to handle **~666,000 emails per year** for the client's Sales Service Center, significantly improving processing speed, data quality, and automation rate while reducing manual effort.
- Implemented comprehensive **security and compliance measures** (CMEK encryption, Private Google Access, Least Privilege IAM via Terraform, Workload Identity Federation) across the entire hybrid landscape.
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Position: Senior IT Consultant

Duration: May 2025 - Dec 2025

Company: Deloitte GmbH

Tasks:

- **Designed and implemented** a high-performance, regulatory-compliant resolution and bail-in data reporting solution for a major European banking group in alignment with **Single Resolution Board (SRB)** and **ECB** requirements.
- Led the technical architecture and development of a **scalable Spring Boot Java application** using Spring Batch to process and transform massive volumes of balance sheet, asset, and liability data from DB2 databases into SRB-compliant reporting formats.
- Achieved **sub-24-hour end-to-end processing** of the bank's entire balance sheet (assets & liabilities), enabling timely delivery of critical resolution data to the Single Resolution Board.

- Took ownership of key architectural decisions, complex data transformation logic, high-performance SQL query design, and the implementation of comprehensive **validation & testing frameworks** to guarantee data accuracy and regulatory compliance.
- Collaborated closely with stakeholders, solution architects, and testing teams to ensure full alignment with enterprise architecture standards, data quality requirements, and successful end-to-end delivery.
- Delivered a robust, maintainable, and highly performant batch processing platform capable of handling the stringent timelines and data volumes mandated by European banking resolution regulations.

Position: IT Consultant

Duration: Feb 2022 - Feb 2025

Company: Volkswagen AG, Cariad project (for Comsysto Reply, multiple projects)

Tasks:

- Architected, developed, and deployed scalable applications to **Azure Cloud** using **Terraform, AKS, Azure VMSS**, and various Azure services (e.g., **CosmosDB, Functions, Application Gateway, Service Bus Queue**).
- Ensured robust security by implementing **RBAC, Azure Managed Identities**, and managing secrets via **Azure KeyVault** and **DevOps Variable Groups**.
- Established monitoring systems leveraging **Azure Log Analytics, Application Insights**, and **Alert Rules** to track health and incident response.
- Engineered and optimized **Kubernetes** deployments, services, and networking configurations.
- Refactored infrastructure-as-code using **Terraform** to enhance scalability and maintainability.
- Spearheaded **DevOps** practices with **Azure DevOps** repositories and pipelines for CI/CD workflows.
- Designed and implemented new features in **Java 17/21 Spring applications** and migrated dependencies to newer versions.
- Facilitated **SCRUM** activities, including sprint planning, refinements, and reviews, while mentoring team members.
- Authored comprehensive documentation and architecture decision records.
- Contributed to talent acquisition through recruiting, interviewing, and onboarding processes.

Position: Software Engineer

Duration: Jan 2021 - Sept 2021

Company: Hypoport SE

Tasks:

- Automated creditworthiness assessments by developing rule sets in **Java 11** and **Spring Boot**.
- Designed and optimized complex **SQL queries** to enrich assessment data and improve application performance.
- Expanded core application test suites using **JUnit 4** and **Mockito** for reliable and robust software.
- Provisioned and managed **AWS Cloud** infrastructure, including **Amazon RDS, S3, ECR, EC2**, and **Elastic Load Balancer**, using **Terraform**.
- Leveraged **GitHub** for version control and collaboration.

Position: Data Scientist & Engineer (Working Student)

Duration: Jan 2020 - Apr 2020

Company: Uber Germany GmbH

Tasks:

- Engineered data pipelines to support performance analysis and compliance using **Python, Pandas, Numpy**, and **Scikit-Learn**.
- Extracted, cleaned, and transformed large datasets using **SQL** and automated processes via **Google APIs**.
- Delivered actionable insights to stakeholders through automated data workflows and reports.

Position: Software Engineer (Internship)

Duration: Jun 2019 - Oct 2019

Company: Finanz Informatik Solutions Plus

Tasks:

- Enhanced code quality and security by integrating **SonarQube** for automated analysis.
- Automated core application documentation using **Asciidoctor**, streamlining processes and reducing manual effort.
- Migrated legacy systems from **Java 8** to **Java 11**, ensuring compatibility and performance improvements.
- Developed and optimized data retrieval processes using **SQL** for improved data analytics.
- Collaborated using **GitHub** for efficient version control and team synchronization.

Technologies

Java SE & EE 8, 11, 17, 21 : Spring Boot, Maven, JUnit 4, Mockito, Tomcat, JBoss, AsciidoctorJ

Python 3 : Pandas, NumPy, Scikit-learn, Tensorflow, Flask, Request, Selenium, BeautifulSoup4

Cloud : GCP, Azure, AWS

Containerization & Infrastructure as Code : Kubernetes, Terraform, Docker

DevOps : Azure DevOps, Jenkins, AWS CodePipeline, GCP Code Build

Operating Systems: Linux (Ubuntu), Windows, MacOS

Data Services & Databases: MariaDB, MySQL, Postgres, Amazon RDS, CosmosDB, MongoDB

Monitoring : Prometheus, Grafana

Tools : Jira, Confluence, Git, Github, Github Actions, Gitlab, SCRUM, PowerShell, Bash