

MAX HEICHLING

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PROFESSIONAL SUMMARY

TOGAF-certified Enterprise Architect who bridges business strategy and technical execution. I transform business requirements into scalable architectures that deliver measurable value—from regulated digital health platforms to high-volume consumer applications. Expert at anticipating technical needs, making strategic architecture decisions, and guiding teams through complex modernization initiatives. My approach: pragmatic solutions that balance business goals, compliance requirements, and technical excellence.



CORE COMPETENCIES

Architecture	TOGAF, Microservices, Domain-Driven Design, API Design, System Integration, Event-Driven Architecture, Legacy Modernization, DiGa/BSI/ISO Compliance
Cloud & DevOps	AWS/Azure/GCP, Kubernetes, Infrastructure as Code, CI/CD Pipelines, Docker
Data & Persistence	PostgreSQL, CouchDB, MongoDB, Polyglot Persistence, Master Data Management
Technical Stack	TypeScript (Expert), Java, Angular, React, Node.js, iOS/Android

PROFESSIONAL EXPERIENCE

Senior Software Architect, Perfood GmbH March 2024–Present
Define and evolve target architecture for DiGa-certified digital health platform across 2 full-stack engineering teams. Architecture for main applications and infrastructure with polyglot persistence (PostgreSQL, CouchDB, SQLite) on self-hosted Kubernetes. Bridge between medical science, regulatory stakeholders (BSI/TÜV IT), and engineering teams (35+ microservices)—facilitating workshops and knowledge sharing sessions and translating compliance requirements into implementable solutions.

Lead Mobile Developer & Technical Architect, Digistore24 Sep 2023–Mar 2024
Led strategic modernization of revenue-critical mobile platform serving 100k+ users with zero business disruption. Architected migration from fragmented legacy codebase to unified architecture, enabling faster feature delivery and reduced maintenance costs while maintaining full service continuity.

Founder & Lead Architect, Asapteq Software Studio 2022–2024
Lead architect for multiple client projects (brownfield/greenfield) with 3-developer team. Full architecture responsibility: technology evaluation via PoCs, system design, API architecture, implementation. Client-facing technical lead translating business needs into scalable solutions—this role drove TOGAF certification.

Full-Stack Developer, CarpLounge Tackle GmbH 2020–Sep 2023
Developed IoT platform connecting autonomous drones with mobile applications via Bluetooth/WiFi/LoRa protocols.

EDUCATION & CERTIFICATION

TOGAF Enterprise Architect Part 1 Certification	2024
M.BA Business Administration , University of Twente	2024–2025
M.Sc. Innovation Management & Sustainability , TU Berlin	2024–2025
B.Sc. Code & Context (Grade: 1.3) , TH Köln	2020–2023
IT Specialist Apprenticeship , Neuland Software GmbH	2018–2020

SELECTED WORK & WRITING

Enterprise AI & RAG Development → heich.link/rag-ai; **Decentralized Ticketmaster** → heich.link/web3;
Social Media Startup → heich.link/bonq; **Medical Grade IoT Application** → heich.link/rvrs-eng

ADDITIONAL

Early Entrepreneurship: Coding at 13, commercial software sale at 15; **Digital Nomad** → heich.link/freedm