

Michael Berndt

Tech Lead, full-stack · Mannheim/Heidelberg area



I develop solutions people like to use. The person first, then the idea. The tech comes last and makes it real.

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› EMPLOYMENT

07.2023 › today **SUSI&James GmbH**

Lead Developer

10.2015 › 03.2023 **objective partner AG**

Senior full-stack developer and consultant

05.2019 › 07.2019 **Quitich (Australien)**

Full-stack developer

2012 › 2015 **Pepperl+Fuchs · VMT Vision Machine Technic GmbH**

Dual study placement and working student

› WHAT I WORK WITH

Languages and backend

Java · Spring Boot · TypeScript · Python · FastAPI · SQL · Hibernate/JPA · REST · Flyway · JUnit 5 · Mockito

Frontend and UX

Angular · React · HTML · CSS/SCSS · Responsive Design · UI Design

Architecture and methods

Software Architecture · Microservices · Clean Code · Design Patterns · Spec-driven Development · Agentic Coding · Unit/Integration/E2E-Testing · Refactoring · Requirement Engineering · Scrum (Scrum Master) · Kanban

AI and real-time

LLMs / OpenAI · Speech-to-Text · On-Device AI (Apple Intelligence) · NATS · RabbitMQ · Redis · Twilio · Vonage

DevOps, tooling and platforms

Docker/Compose · CI/CD · Git · Linux · Nginx · Keycloak/OIDC · AWS · Azure · Google Cloud · Hetzner · Claude Code · IntelliJ IDEA · VS Code · Jira/Confluence

› EDUCATION

10.2012 › 10.2015

DHBW Mannheim

Cooperative degree, applied computer science (business information management), B.Sc.

08.2009 › 06.2012

Technisches Gymnasium BBS T1 Ludwigshafen

Abitur (secondary school leaving certificate)

› LANGUAGES

German C2 Native

English C1 Fluent

Polish B2 Fluent

Spanish A1 Basic

› CERTIFICATIONS

Generative AI Essentials

Coursera, 2026

Certified SAFe® 5 Agilist

SAFe by Scaled Agile, 2022, expired

iOS · beta

hefted Idea · UX · Development · Operations

A receipts and documents app for iOS. On-device AI reads the relevant fields. Privacy by design: no account, no server, store it where you want, from Nextcloud to a NAS or WebDAV.

Swift · SwiftUI · Apple Intelligence (on-device) · Claude Code

Web · live

estimarlo Idea · UX · Development · Operations

Free online planning poker for agile teams. Real-time voting, consensus analysis, spectator predictions, no signup.

Java · Spring Boot · Angular · NATS

07.2023 › today

SmartOffice SUSI&James Lead Developer

A platform for AI-driven phone conversations. Digital coworkers take calls, capture requests, answer questions and book appointments; the highest-volume systems handle up to a hundred conversations an hour.

Python · FastAPI · React · PostgreSQL · Docker · NATS

2020 › 2023

World market leader for contact lenses obj. partner 🇩🇪

Smart Production Planning Lead · Architect · Full-Stack

A production planning system for making contact lenses on several lines. Monthly planning of one product dropped from a person-week to minutes, and control over the result stays with the planner.

Java · TypeScript · Spring Boot · Angular · PostgreSQL · Docker

Smart Production Organisation Full-stack developer, architect

A calendar and scheduler for coordinating production planning across departments.

Java · TypeScript · Spring Boot · Angular · PostgreSQL · Docker

2015 › 2018

Germany's record-title football club obj. partner ⚽

Digital Platform Lead developer, business analyst

The club's login and payment, the business-critical backbone of the online shop, plus a range of back-office applications. From joining as a junior to owning both systems and handing them to the club's own team.

Java · JavaEE · TypeScript · Angular · AngularJS · Hibernate

Payment Service Lead developer

Payment processing for the club's web shop, including integration of several payment providers and the SOAP and REST interfaces to the web shop and SAP CRM.

JavaEE · AngularJS · PayPal SDK · WildFly · MSSQL · Hibernate

Sports Domain Full-stack developer

Software for coaches, doctors and therapists to record appointments, illnesses and player data.

JavaEE · AngularJS · WildFly · MSSQL · Hibernate · JPA

SSO Full-stack developer

A single sign-on solution for central login across several web applications.

JavaEE · AngularJS · CAS · WildFly · MSSQL · Hibernate

2019 › 2022

A Japanese car maker obj. partner

ACC360 Developer, consultant

An application to reconcile data between a REST interface and a local database.

Java · Spring Boot · Maven · Docker · IBM DB2 · Hibernate

XRechnung Backend developer, business analyst

A service that generates digital invoices conforming to the XRechnung standard.

Java · Spring Boot · JAXB · KoSIT Validator · Docker · MSSQL

ZUGFeRD Full-stack developer

A digital invoicing service. Raw SAP data was archived as PDF/A-3 in the ZUGFeRD format and served to dealers in a web portal.

Java · TypeScript · Angular · Konik.io · Docker · ELK-Stack

10.2020 › 10.2021 **Storage for Science** obj. partner  Full-stack developer, consultant

Managing file and object storage for university research projects, from the REST endpoints to the interface.

Java · TypeScript · Spring Boot · Angular · Kubernetes · Helm

09.2019 › 09.2020 **KPI Analyzer** obj. partner  Frontend developer

Extending a tool that checks the technical maturity of SAP systems.

Java · TypeScript · Angular · Spring Boot · AWS · SAP Cloud Services

2019 › 2020 **An insurance group** obj. partner 

Email Service and Template Builder Full-stack developer

Sending transactional email and an editor for creating and managing email templates.

Java · TypeScript · Angular · Spring Boot · GrapesJS · RabbitMQ

Identity Service Full-stack developer

Bringing several identity providers into one interface to pick from when confirming identity.

Java · TypeScript · Angular · Spring Boot · AWS · PostgreSQL

05.2019 › 07.2019 **Quitch-App** Quitch Full-stack developer (app focus)

Reworking and extending an app for schools: a content-agnostic quiz platform to raise engagement outside of class time.

TypeScript · Angular · Ionic · Cordova · PHP · Laravel