

CURRICULUM VITAE

PERSONAL DETAILS

Name:	Niclas Wunder
Address:	Hagbergstr. 17, 70188 Stuttgart
Date/Place of Birth:	Nov 1, 1992 in Hamburg
Phone:	+49 151 4320 2986
Email:	wunderniclas@gmail.com



PROFESSIONAL EXPERIENCE

since 11/2024

Freelance Software Engineer

Self-employed (Stuttgart, DE)

- Fullstack development of scalable web applications (Python, TypeScript, PHP)
- Development of AI-based applications (Multi-Agent Systems, LLM Integration)
- Agile collaboration in cross-functional development teams

08/2022 – 10/2024

Chief Technology Officer (CTO)

Immoportal GmbH (Stuttgart, DE)

Technical leadership and product development: real estate portal, SaaS platform, lead generation system

01/2022 – 08/2022

Fullstack Developer

Retromotion GmbH (Stuttgart, DE)

Development of the e-commerce platform and internal inventory management system

07/2020 – 12/2021

Web Developer

Arocom GmbH (Stuttgart, DE)

Development and maintenance of Drupal-based news portals, team management

EDUCATION

10/2016 – 05/2019

Master of Science in Economics

Ludwig-Maximilians-Universität (München, DE)

- Final grade: 1.8

10/2013 – 09/2016

Bachelor of Arts in Economics

Georg-August-Universität (Göttingen, DE)

- Final grade: 1.6

SKILLS

Languages:

German – Native

English – Fluent

Technologies:

Languages: Python, TypeScript/Javascript, PHP

Frameworks: FastAPI, Django, LangChain, LangGraph, React, Next.js, Laravel

AI/ML: Multi-Agent Systems, Azure AI Foundry, RAG, Prompt Engineering, OpenAI API, Anthropic API

AI Tools: Claude Code, Codex

Databases: Postgres, MySQL

Infra: Docker, AWS, Azure, Databricks, CI/CD

Methods: Agile/Scrum, TDD

PROJECT REFERENCES

Mercedes-Benz – Internal Multi-Agent System with AI Chatbot

09/2025 – present | AI Engineer / Fullstack Developer

Internal AI tool based on a multi-agent architecture, delivering insights from various data sources.

- Orchestration of specialized AI agents using LangChain/LangGraph and Azure OpenAI
- FastAPI backend for agent communication and data integration (incl. Databricks)
- Chat interface in Next.js with real-time streaming and data visualization

Tech Stack: Python, FastAPI, LangChain, LangGraph, Azure OpenAI, Azure AI Foundry, Databricks, Next.js, TypeScript

School – AI Chat Assistant for Internal Knowledge Management (RAG)

04/2026 – 08/2026 | AI Engineer / Fullstack Developer (Solo)

Production RAG platform turning a school's internal wiki and a legal reference book (approx. 1,400 pages of PDFs) into a German-language AI assistant with cited sources – owned end to end, from requirements gathering to operations.

- Automated ingestion pipelines: authenticated scraping of the internal wiki (nightly refresh) and section-aware parsing of legal PDF documents
- Hybrid retrieval on PostgreSQL/pgvector (vector search + German full-text search) with custom reranking and query routing across two corpora
- FastAPI backend with real-time streaming (SSE), source citations, and user management; chat UI built in React
- Self-hosted LLM observability (Langfuse) with per-answer user feedback; automated Docker deployment

Tech Stack: Python, FastAPI, LangChain, OpenAI API, PostgreSQL, pgvector, React, TypeScript, Docker, Traefik, GitHub Actions, Langfuse

Care Supplies Platform – Complete Rewrite

01/2025 – 04/2025 | Fullstack Developer (Solo)

Complete rebuild of a care supplies provider's platform, replacing a technically outdated system.

- Redesign of data architecture, React frontend, and Django backend
- Efficient processing of large PDF volumes (health insurance documents)
- CI/CD pipeline with GitHub Actions and Azure deployment

Tech Stack: TypeScript, React, Python, Django, PostgreSQL, Azure, GitHub Actions

verhinderungspflege.de – SaaS Platform for Care Service Applications

05/2025 – present | Fullstack Developer (Solo)

SaaS platform for applying for respite care benefits, replacing a no-code solution.

- Dynamic application form with auto-save and contextual help texts
- AI-powered processing of incoming health insurance correspondence (OCR, categorization)
- Admin dashboard and billing system with automated invoice generation

Tech Stack: PHP, Laravel, Livewire, MySQL, Redis, GitHub Actions

Trinkgut – Internal Rental and Ordering System

07/2025 – 09/2025 | Fullstack Developer (Solo)

Digitalization of the rental process for a beverage retailer, replacing paper-based workflows.

- Availability system with real-time validation and automated order confirmation
- React frontend and FastAPI backend

Tech Stack: TypeScript, React, Python, FastAPI, PostgreSQL, AWS, GitHub Actions

Immoportal – Building a Full-Featured Real Estate Portal

02/2024 – 11/2024 | Technical Lead (Team: 3 members)

Development of a real estate portal for a content platform with over 400,000 monthly visitors.

- OpenImmo integration incl. FTP server and fault-tolerant XML parser
- High-performance search with Meilisearch and geo-search across millions of address records
- Realtor interface with property management and automated billing system

Tech Stack: PHP, Laravel, Livewire, MySQL, Redis, Meilisearch, AWS

RentUpp – SaaS Platform for Legally Compliant Rent Increases

06/2023 – 11/2024 | Technical Lead (Team: 3 members)

SaaS platform for legally compliant rent increases with complex legal logic.

- Calculation algorithm developed in coordination with legal experts
- Flexible PDF generator for various document templates
- Integrated billing system, performance optimization for growing user base

Tech Stack: PHP, Laravel, Livewire, MySQL, Redis, Meilisearch, AWS

Retromotion – Internal Control Center for Multi-Channel E-Commerce

01/2022 – 08/2022 | Fullstack Developer

Central management platform for an automotive parts supplier across multiple marketplaces (Amazon, eBay).

- Automated onboarding workflows for new sales partners and marketplaces
- Configuration modules for platform-specific product distribution
- Monitoring features for delivery status and error detection

Tech Stack: Python, Django, JavaScript, PostgreSQL, Docker

Arocom – Web Development for Media and News Portals

07/2020 – 12/2021 | Web Developer, Team Management

Technical implementation and development of content management platforms for prominent media clients.

- Development and maintenance of Drupal-based news portals
- Custom content management solutions for media clients
- Team management and technical coordination

Tech Stack: PHP, Drupal, JavaScript, MySQL, Docker