

# Arne Wiese

Freelancer & Consultant · Meerbusch

M.Sc. Energy Science and Technology

10+ years of full-stack development – specialized in pragmatic solutions, rapid MVPs, and system architecture

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## Projects & Full-time Positions

04/2024 - 09/2025	AI Advisor & AI Agents / Frontnow GmbH Senior AI Software Engineer Primarily remote, occasionally in Berlin  Development of a scalable AI product enrichment system that automatically enhances 100,000+ e-commerce products per shop and automates time-consuming manual processes  TypeScript, Svelte, OpenAI, Google Gemini, PostgreSQL, Vector Search
03/2023 - 04/2024	Douglas Platform Tech Team / Parfümerie Douglas GmbH Senior Software Engineer Remote  Development and maintenance of central platform infrastructure to support feature teams with reusable components, performance monitoring tools, code quality standards, and mentoring  TypeScript, React, Redux, React Testing Library, Jest, Figma
09/2021 - 11/2022	Douglas Social Commerce / Parfümerie Douglas GmbH Senior Software Engineer Remote  Integration of social commerce features with Livebuy.io video player and optimization of Web Vitals for improved user experience  TypeScript, React, Redux, React Testing Library, Jest, Figma, Livebuy.io API
03/2021 - 02/2022	Frontnw GmbH Lead Software Engineer Mainly remote, occasionally in Berlin  Leading fullstack development of a B2B platform with successful migration from Firebase to Supabase and implementation of scalable data collection systems  JavaScript, Tailwind, Sveltekit, Vite.js, Firebase, Firestore, Algolia, PostgreSQL
05/2020 - 03/2021	caroutlet.ch / carIT AG Software Architect Mainly remote, occasionally in Zurich (CH), Tuggen (CH)  Architecture and re-development of a vehicle platform with complex multi-step checkout system and custom React components for 360° vehicle views  Next.js, JavaScript, TypeScript, Vue.js, Node.js, Firebase, Google Cloud, Cloud Functions, Figma

12/2019 - 05/2020

**carauktion.ch / carIT AG**  
Interim Product Owner  
Mainly remote, occasionally in Zurich (CH), Tuggen (CH)

Interim Product Owner coordinating platform development with international teams and aligning business and development

JIRA, Confluence, Miro, Figma

07/2019 - 12/2019

**Parfümerie Douglas GmbH**  
Senior Frontend Developer  
Düsseldorf

Permanent position as Senior Frontend Developer focusing on feature development, technical mentoring, and team onboarding

TypeScript, React, Jest, Enzyme, Redux, CSS, Hybris, Java, Scrum, Figma

02/2017 - 07/2019

**Energybox Ltd**  
Lead Frontend Engineer  
Mainly in Cologne, occasionally in Hong Kong and USA (Washington DC)

Permanent position as Lead Frontend Engineer leading the frontend team and developing an IoT platform for worldwide energy data monitoring with an extensive React component library (150+ components)

TypeScript, MongoDB, React, AWS, Docker, Scrum

01/2018 - 11/2018

**juts.ch / leadpoint.ch**  
Software Engineer  
Remote, occasionally in Zurich (CH)

Frontend development of a food box subscription platform with Stripe and PayPal integration for subscription payments

JavaScript, React, Flow, Redux, Python, Django, PostgreSQL, Docker, Google Cloud, Stripe API, PayPal API

06/2015 - 02/2017

**sipgate GmbH**  
Software Developer  
Düsseldorf

Permanent position as Software Developer focusing on REST API development, CRM integration, and migration to React/Redux architecture for telephony applications

TypeScript, React, Redux, CSS, MySQL, Java, PHP, Scrum

09/2013 - 05/2015

**TIGEV Ingenieurgesellschaft mbH**  
Energy Data Management Engineer  
Münster

Permanent position as Energy Data Management Engineer developing a web-based energy data management system with data visualization and integration of measuring devices and sensors

PHP, JavaScript, Charts.js, Laravel, MySQL, CSS

## Side Projects

01/2020 - 02/2026

Kontor / Arne Wiese

Personal invoicing tool since 2020 – rebranded to Kontor in 2025 (no good domain available for 'Easy Invoice', and 'Kontor' sounds trustworthy). Complete invoice management with expense tracking and team collaboration for German freelancers and small businesses, 8€/month

TanStack Router, TanStack Query, Supabase, TypeScript, shadcn/ui, Tailwind CSS, React, Resend, PDF Generation, Vercel

11/2020 - 02/2026

Beautytester Service / Parfümerie Douglas GmbH

Conception and development of a product testing service for over 20,000 users with multi-step registration flow and BazaarVoice API integration

TypeScript, React, Jest, Enzyme, Next.js, PostgreSQL, BazaarVoice API, Figma

08/2023 - 02/2026

tourvy.com / Arne Wiese

Development of an AI-powered travel planning software that generates complete travel offers in under 5 minutes through a 10-stage AI pipeline, reducing manual planning time by 90%

TanStack Start, TanStack Query, Supabase, PostgreSQL, TypeScript, Drizzle ORM, Better Auth, OpenAI API, Inngest, Stripe, Mollie, Tailwind CSS, Zod, Playwright, Vitest, pnpm, Monorepo

06/2024 - 02/2026

Kuvio Studio / Arne Wiese

AI-powered image editing for real estate professionals – Virtual Staging, Declutter, and atmosphere transformations

TanStack Start, React, TypeScript, Drizzle ORM, PostgreSQL, Supabase, Google Gemini, Better-Auth, Tailwind CSS v4, Vercel

05/2025 - 02/2026

maklerupdate.de / Arne Wiese

Platform for automatic monitoring of 50+ real estate agents in the Greater Düsseldorf area (goal: 400), completely replacing manual website checks through AI-powered property extraction and daily crawling

SvelteKit + Svelte 5, Supabase (PostgreSQL + PostGIS), TanStack Query, TypeScript, Drizzle ORM, OpenAI GPT-5 + Claude, Inngest (Background Jobs), Deno (CLI), Firecrawl API, MCP Servers, Tailwind CSS v4, Vercel, React Email + Resend

01/2016 - 06/2025

84rooms.com / Sebastian Schöllgen

Development and long-term maintenance of a marketing platform for boutique hotels with Stripe integration and AI-powered content optimization

Next.js, TypeScript, CSS, Django, Python, PostgreSQL, Vercel, Cloud Functions, Google Cloud, Stripe API

08/2021 - 05/2024

Websites / Take Memories GmbH & Co. KG

Migration of multiple WordPress websites to Astro and PayloadCMS with focus on zero-JavaScript approach for optimal performance and SEO

Astro, PayloadCMS, MongoDB

01/2016 - 01/2022

Whisky Adventskalender / Arne Wiese & Wilhelm Hemme

Fullstack development of a web app for rating whisky with friends

CSS, Django, Python, Postgres, Google Cloud

01/2021 - 01/2022

[maklerupdate.de](http://maklerupdate.de) / Arne Wiese

Development of a real estate platform for Düsseldorf with focus on data collection and search functionality

React, TypeScript, Next.js, Firebase, Firestore, Vercel, Apify, Google Big-Query, Algolia

06/2021 - 08/2021

[bonsai-bayreuth.de](http://bonsai-bayreuth.de) / Bonsai Bayreuth

Development of a landing page with ordering system and CMS integration for restaurant menu

JavaScript, Sveltekit

06/2021

[stefanwiese.com](http://stefanwiese.com) / Stefan Wiese

Development of a landing page with SvelteKit

JavaScript, Sveltekit

04/2020 - 08/2020

[maxis-zeitreisen.de](http://maxis-zeitreisen.de) / ProSiebenSat.1 Media SE (über Loyd GmbH)

Modernization of Vue.js platform with technology stack update and creation of reusable UI components

Vue.js, JavaScript, CSS, Figma

06/2020 - 07/2020

[upperhand.co](http://upperhand.co) / Impact Products GmbH

Development of a multilingual landing page with Shopify integration for the e-commerce platform go-live

TypeScript, Next.js, Shopify API, Figma

04/2020 - 06/2020

[need-mask.com](http://need-mask.com) (non-profit) / ITA RWTH Aachen

Development of a non-profit platform for Covid-19 protective equipment to handle high-volume orders with GraphQL, optimized for high request volumes

React, TypeScript, Next.js, GraphQL, Hasura, PostgreSQL, Vercel, DigitalOcean

04/2020 - 05/2020

[Handelsblatt Social Media Monitor](http://Handelsblatt-Social-Media-Monitor.com) / Cyberium GmbH

Conception and development of a dashboard for comparing social media metrics of over 15 German banks and insurance companies

TypeScript, React, Charts, Firestore

04/2020 - 05/2020

[Helpathon](http://Helpathon.com) / Ways GmbH

Frontend development of a non-profit platform for visualizing and categorizing help ideas

React, TypeScript, CSS, Charts

02/2020 - 03/2020

[douglas.ch](http://douglas.ch) / Parfümerie Douglas GmbH

Analysis and bug fixing of tracking implementation for the Swiss online shop

TypeScript, React, Analytics

01/2019 - 04/2019

[MONDAY.ROCKS](http://MONDAY.ROCKS) GmbH

Development of a web app for dynamic KPI visualization with interactive SVG graphics and CI/CD pipeline integration

Vue.js, JavaScript, Firebase, GitLab CI, SVG

## Education

2003 – 2006

General Higher Education Entrance Qualification (Abitur)  
Technical High School Oldenburg

Technical university entrance qualification with a focus on mathematics and computer science, which formed the foundation for subsequent engineering and software studies.

2007 – 2010

B. Eng. in Energy Engineering  
Münster University of Applied Sciences

Engineering degree with a focus on energy systems and technology. The bachelor's thesis combined process analysis with sustainable energy use through integration of CHP plants.

2011 – 2014

M. Sc in Energy Science and Technology  
University of Bayreuth, Germany

Interdisciplinary master's program focused on sustainable energy systems. The master's thesis on developing a web-based monitoring system laid the foundation for later specialization in software development.

2012 – 2013

Study Abroad Semester at the Royal Institute of Technology (KTH)  
Stockholm, Sweden

Study abroad semester with a focus on international research and industrial practice. Combination of collaboration in a research project on information system architecture and practical analysis at Scania AB.