



CONTACT

EMAIL
kontakt@nb-fullstack.de

WEB
nb-fullstack.de

LOCATION
Bruchsal · Baden-Württemberg, Germany

INFRASTRUCTURE
Own data center · Düsseldorf

WORK MODE
Remote · across Europe

AVAILABILITY
Reply within 24 h

CORE SKILLS

FRONTEND

React TypeScript Vite Tailwind

Vue.js GSAP Three.js

BACKEND

Node.js Express REST API

WebSocket FastAPI · Python

AI / LLM

OpenAI API Anthropic SDK

Claude + Codex (Dev) Realtime Voice

Prompt Eng.

DATA

PostgreSQL Prisma MongoDB

Firebase

DEVOPS & INFRA

Linux Dedicated Server

Virtualization (KVM/LXC) Docker CI/CD

Nginx / Apache DNS Records IP Config

S3 Backup Mail Server

LANGUAGES

Hungarian NATIVE

German PROFESSIONAL

English FLUENT · TECHNICAL

FULL-STACK · AI ENGINEER · DEVOPS

NORBERT BARTUS

Full-Stack & DevOps Engineer / Software Engineering & AI Integration

[01] PROFILE

Full-stack engineer based in Bruchsal, Germany, with my own server infrastructure in Düsseldorf. For over ten years I've been building web applications, integrating AI solutions and running everything from the frontend to the server architecture — independently, with no middlemen. I deliver projects location-independently — remote for clients across Europe.

My focus is custom software engineering: tailored tools, admin dashboards and automated workflows for SMEs and agencies. I don't just build, I operate too — which lets me understand projects end to end, from the code to live behaviour under load. My standard: clean, maintainable code that solves real business problems and still runs the same after years as on day one.

[02] EXPERIENCE & FOCUS

OWNER · FULL-STACK & DEVOPS ENGINEER

10+ years · ongoing

NB-FULLSTACK — BRUCHSAL / DÜSSELDORF

- Concept and development of web applications, online shops and custom software for brand, practice and corporate clients in Karlsruhe and the region.
- Custom tools, admin dashboards and automated workflows for SMEs and agencies — from the API to the production server environment, incl. CI/CD pipelines and Docker containers.
- Stack: React, TypeScript, Node.js, Python, Vue.js, PHP — combined with Stripe, Firebase, WebSocket, WebAuthn, PostgreSQL and MongoDB.
- AI as a tool: data classification, import/export routines, reports and voice interfaces; AI-assisted development with Claude (Anthropic) and OpenAI Codex as pair-programming tools in the daily workflow.

OWN HOSTING INFRASTRUCTURE

4+ years

TIER3+ DATA CENTER · DÜSSELDORF

- Operating a KVM-based virtualization cluster on my own dedicated servers — with a self-developed, lean management panel instead of oversized standard solutions.
- 99.98 % uptime, own IP blocks, automated S3 backups, behaviour-based IPS and WAF — the entire chain on my own hardware.
- Responsible for domain management, DNS records (A/MX/CNAME/TXT), IP configuration, SSL/TLS, mail server, monitoring and a public status page.

CERTIFICATE

FULL STACK PROFESSIONAL

Web Development with
JavaScript

Codingschule ·
Tech and Teach gGmbH
04/2024 – 10/2024
24 weeks · 130 h live online
Part-time, with final project

INTEGRATIONS

- Stripe
- WebAuthn/2FA
- Calendly
- Google Cal.

HOW I WORK

Full-Stack Ownership
From UI design to server deployment

AI-First Mindset
AI features considered from the start

Security by Default
JWT, 2FA, rate limiting, WebAuthn

Agile Delivery
Scrum, sprint-based, transparent

KEY FIGURES

150+
Projects delivered

10+
Technologies used

99.98%
Uptime of own infrastructure

[03] SELECTED PROJECTS

► AI Customer-Insights Platform
Contact & sentiment analysis, churn prediction, root-cause analysis, dashboards and scheduled reports with role and permission management.

► Insurance Portal + Admin Dashboard
Appointment booking, newsletter, email automation, AI PDF-to-news pipeline, Firebase Auth and Calendly integration.

► Care Portal with Voice Assistant
OpenAI Realtime API, WebSocket voice interface, Google Calendar booking, review sync & analytics plus a React Native app.

► Invoicing & Client Portal with Marketplace
Stripe Checkout, automated invoicing, project-request workflow, 2FA (WebAuthn) and admin dashboard.

► Taxi Booking System
Slot-based capacity management, payment processing, admin statistics and email notifications.

► Retail Operations Platform
Shift planning, vacation/sick leave, training, inventory & deliveries, chat/notifications and PDF reports.

[04] EDUCATION & TRAINING

FULL STACK PROFESSIONAL04/2024 – 10/2024
CODINGSCHULE · TECH AND TEACH GGBH

Part-time 24-week training with a final project — not a weekend course, but deep, hands-on full-stack education.

- Full Stack Web App & REST API
- Scrum · Git · Kanban
- React + Hooks + Router
- Express.js & TypeScript
- FastAPI (Python)
- Vue.js & SQL
- MongoDB (Mongoose)
- MERN Stack Integration

[05] WHAT DRIVES ME

Technology fascinates me because it solves real problems. My goal is to turn complex requirements into elegant, maintainable solutions — always keeping the user's benefit in focus. I adopt new technologies when they offer a real advantage, without chasing the next hype.