

Bernhard Romano

Technical Operations Manager · AI Engineer · Full-Stack Developer

Vienna, Austria · Remote worldwide · Available immediately · Open to permanent and contract roles

PROFILE

Technical operations manager and engineer with four years of hands-on and international rollout experience, from medical device testing in a hospital to running installations and partner onboarding across countries. Builds his own software: Python and FastAPI backends, the Claude API in production, and an iPhone app with 198 automated tests.

EXPERIENCE

08/2026 – now

Founder & Product Engineer

Wingmate · Vienna, remote

- Designed and built an airport social app end to end: product rules, Python/FastAPI backend, iPhone app and infrastructure.
- 198 automated tests gate every deploy; GitHub Actions to Fly.io, Sentry monitoring, Litestream backups.
- Claude API in production with schema-validated output, rate limits and a deterministic fallback.
- Encrypted offline chat in a custom Swift plugin (Multipeer Connectivity, Curve25519, ChaChaPoly).
- Shipped a €4.99/month subscription with free trial, referrals and saved feed filters.

01/2026 –
07/2026

Sabbatical: surf, languages, web work

Brazil · Ecuador · Colombia

- Surf instructor in Brazil and Ecuador; Spanish–English language exchange volunteer in Colombia.
- Built and deployed websites for hostels and surf houses; rebuilt one hostel's social media and reception flow.

01/2025 –
01/2026

Technical Operations Manager

cogvis software und consulting GmbH · remote from Barcelona

- Ran technical operations and led teams across multiple countries.
- Built scalable, repeatable processes for remote installations.
- Ran international onboarding and technical partner integration.
- Coordinated sensor rollouts, docking stations, IT processes and logistics.

09/2022 –
01/2025

Field Service Engineer

cogvis software und consulting GmbH · Austria

- On-site installation and troubleshooting at customer locations.
- Second-level technical support, from diagnosis to fix.

02/2022 –
08/2022

Medical Engineer

VAMED · Vienna General Hospital

- Incoming inspections, periodic safety inspections and metrological checks under the Austrian medical device regulation (MPBV).
- GMP: data logger calibration, commissioning and qualification; documentation in Excel and SAP.
- Radiation protection checks to ÖNORM S 5213 with a mobile C-arm.

2018 – 2021

Earlier roles

ELOOP · Amazon Logistics · RSG Group · civil service

- Fleet agent, yard marshal and customer service alongside his studies.

EDUCATION

09/2019 –
06/2022

BSc Clinical Engineering

FH Campus Wien, University of Applied Sciences

09/2012 –
06/2018

Diploma in Electronics & Technical Informatics

HTL Wien, Higher Technical College

SKILLS

Operations	Technical operations · International rollouts · Implementation · Customer onboarding · Partner integration · Process design · Team leadership · Project and budget management · 2nd-level support · Logistics
Engineering	Python · FastAPI · REST APIs · SQL · JavaScript · Swift plugins · C++ · pytest · Git and GitHub Actions · Docker · Fly.io · Vercel · Supabase · Sentry
AI & automation	Claude API · Structured outputs · Prompt design · Claude Code · v0 · Lovable · Sheets and Forms automation
Regulated & hardware	Medical device safety testing · GMP calibration · Commissioning · Electronics · Sensor installation
Business systems	SAP · Weclapp ERP · Cloudbeds · Microsoft Office

LANGUAGES

German (native) · Tagalog (native) · English (C1) · Spanish (B1) · Portuguese (A2)

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