PIERRE HAEGELI

Forward Deployed Engineer · AI

Senior Full-Stack Developer · Fractional CTO

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+352 661 772 029
Luxembourg · Belgium · On-site & remote

SKILLS

AI Engineering
LLMs: Claude · OpenAI
RAG · pgvector
Computer vision (YOLO)
Speech (STT/TTS)
LLM evals
AI privacy & consent
MCP · Claude Code

Full-Stack
JavaScript/TypeScript
React/Next.js
TanStack Start
Node.js
React Native · Expo
PHP
REST APIs

Production
Architecture
Security & GDPR
CI/CD (GitHub Actions)
Docker
Cloud: AWS · Azure
Hetzner · Cloudflare
Supabase

Client & Delivery
Discovery & scoping
Stakeholder workshops
Technical leadership
Agile delivery
Project management

UI/UX
Tailwind CSS
shadcn/ui
MUI · Mantine
Design systems
Figma

Databases
PostgreSQL
MySQL
MongoDB
SQLite
Oracle

PROJECTS

GRIMZOO · grimzoo.com
Founder · solo, end to end with AI

- Memory journal with a conversational AI clone (Claude + RAG)
- Photo vision, voice transcription, text-to-speech, AI image generation
- Automated LLM evals, GDPR consent and AI disclosure, encryption
- Web + iOS/Android (Expo), FR/EN, TanStack Start, Supabase, Hetzner

AWARDS

Start-up Innovation Prize FEDIL
Luxembourg LU | 2018

LANGUAGES

French
Native

English
Fluent

EDUCATION

ITEMM
Le Mans, FR | 1996
Master in Music/Audio Engineering

LYCÉE BELLEVUE
Le Mans, FR | 1991
Baccalauréat C in Science

PROFILE

- Forward Deployed Engineer: I embed with client teams to turn business needs into AI-powered software, from prototype to production.
- Senior full-stack developer with 26 years of experience across startups, enterprises and public institutions.
- Co-founder of Docunify (B2B fintech SaaS, FEDIL Prize 2018), acquired by POST Luxembourg / Victor Buck Services.
- Hands-on with modern AI engineering: LLM integration, RAG, MCP servers, agentic development, with production-grade security and GDPR.

WORK EXPERIENCE

ABECEDIA - *Founder* Jan 2026 - Present
Forward Deployed Engineer · AI | Belgium / Luxembourg

- End-to-end delivery of custom software for SMEs and startups, from scoping to production
- Embedded AI coaching: AI dev tooling setup, prototype upgrades, architecture, code and security reviews
- Projects: HR decision-support platform, computer-vision POC (YOLO) for football video, staff scheduling app
- Security, GDPR and CI/CD standards on every project

DEVELUX Jan 2026 - Present
Fractional CTO | Luxembourg

- Technical lead across a SaaS portfolio: My Garage Manager, Keep Focus, InfoEcole, Devifast, KeepFood
- Took an AI-built garage management app to production: web, admin, mobile app, payments, automated deployments
- Rebuilt the Keep Focus interface: web + 42-screen mobile app in 6 languages

CLUBEE Feb 2025 - Dec 2025
Senior Front-End Developer | Luxembourg

- Built and maintained front-end components in React and Next.js (MUI)
- Built MCP servers connecting the platform to AI assistants

VOUS AGENCY Jul 2022 - Jan 2025
Senior Web Developer | Luxembourg

- Developed websites for clients in health and media
- Integrated CMS workflows using WordPress

SQUAREMILED Jul 2021 - Jul 2022
Front-End Expert | Luxembourg

- Delivered custom interfaces using React and Next.js

SVB TENNIS & WELLNESS CENTER Jan 2019 - Jul 2022
IT Project Manager | Zephyrhills - FL, USA

- Launched a club management system and booking site

DOCUNIFY - *Co-Founder* Jul 2015 - Dec 2019
IT Project Manager / Front-End Lead | Luxembourg

- B2B document platform for fund administrators and PE firms
- eIDAS-compliant e-signature (DocuSign integration), hosted on Azure
- Managed a team of 5 developers (Agile); Angular front-end

EARLIER ROLES (2000-2015)
Full Stack Developer | Luxembourg

- European Institutions, POST Group, ArcelorMittal: multilingual CMS, secure intranets and mobile web tools