Pau Kraft

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WORK EXPERIENCE

Sodefa GmbH & Co. KG   **Remote**
Fullstack Developer   *08.2022 - Present*
- Developed 5+ full-stack web applications (Next.js, tRPC, PostgreSQL) for diverse clients, including a real estate platform and a tour planning software with route optimization, collaborating directly with clients in regular meetings.
- Core developer of Teampilot AI, a generative AI platform, designing and implementing its core multi-agent system and the Perplexity.ai-like web connection feature (search engine API, web crawling, custom summarization).
- Integrated OpenAI models (via API) for NLP tasks within Teampilot AI and implemented RAG using Qdrant (vector database) and OpenAI embeddings.
- Onboarded new Teampilot AI customers, conducting training sessions and providing ongoing customer success support.
- Developed a data enrichment platform (Next.js: App Router, Server Components, Server Functions; PostgreSQL; shadcn/ui), leveraging Teampilot AI's multi-agent capabilities and featuring a user-friendly, animated interface.

it-Plan   **Remote**
Fullstack Developer (Part-Time)   *01.2020 - 07.2022*
- Led the design, development, and successful deployment of Pegel-Dashboard, a web platform (React, Node.js/Express.js) for internal monitoring and management of a large-scale project digitizing physical water level records for German government agencies.
- Built a Node.js resource management system that optimizes digitization by dynamically scaling Hetzner servers based on processing demands, preventing database overload and ensuring efficient resource utilization.
- Developed an interactive viewer (Next.js, tRPC) for overlaying digitized water level data onto original record images, enabling visual verification and quality control.
- Engineered a custom, high-performance canvas-based rendering solution to handle large image files and complex coordinate system transformations (non-standard origins, varying aspect ratios) within the interactive viewer.
- Collaborated with a team of 3 developers working on the core digitization process, providing them with tools for monitoring and managing their work.

EDUCATION

Berufsbildende Schule Südliche Weinstraße
Fachabitur in Software Development   *2018-2020*

SKILLS & INTERESTS

Skills: Next.js, React, TypeScript, JavaScript, Tailwind CSS, Node.js, Bun, tRPC, PostgreSQL, Quadrant, LLMs, OpenAI API, RAG, Web Crawling, AWS, Hetzner, GCP, Cloudflare, Vercel

Interests: Outside of work, I am passionate about maintaining an active and healthy lifestyle through regular gym sessions. I also enjoy spending quality time with friends.