Daniel J. Wirz

GitHub | LinkedIn | Minneapolis, MN | 715-225-8532 | djwirz@gmail.com

Software Engineer experienced in healthcare solutions and AI-enabled developer tools. Building scalable microservices, AI-driven agentic solutions, and enabling ridiculous personal use cases in Notion.

Skills

Programming: JavaScript, TypeScript, Python, Java, Go, SQL, Bash
Frontend: React, React Native, Expo, Angular, Next.js, Tailwind, WebSockets
Backend: Node.js, Express, FastAPI, GraphQL, Redis, Postgres, MongoDB, Prisma, Supabase, tRPC, Zod
Infrastructure & DevOps: AWS, Docker, Terraform, Kubernetes, GitHub Actions, Jenkins, Cloudflare, Consul, Edge Functions (Vercel, Cloudflare Workers)
AI & Data: Hugging Face (NSFW filtering, embeddings), OpenAI, Anthropic, LangChain, Vector DBs (Weaviate, Pinecone), Elasticsearch, FHIR
Tooling: Cursor (AI-driven coding), Warp (modern CLI), Notion (workflow automation), Obsidian (PKM), Bun (JS runtime)

Experience

Senior Software Engineer

Kyros *(April 2023 - October 2024)*

- Maintained and enhanced billing systems for peer services, supporting medical billing teams.
- Designed and implemented a monthly insurance verification tool, reducing manual checks.
- Expanded system capabilities to support new markets and billers, improving coverage rates.

Founding Engineer

Hyp *(December 2021 - March 2023)*

- Developed a real-time auction platform, implementing AWS-based backend infrastructure.
- Built automated testing and Stripe payment integration to ensure reliable transactions.
- Integrated Instagram APIs to enhance social engagement and drive traffic to the platform.

Platform Consultant / Full Stack Engineer

Propeller Health *(May 2017 - October 2021)*

- Led external system onboarding, streamlining integrations for major commercial partners.
- Supported digital therapeutics platform integrations with Walgreens, Express Scripts, and more.
- Managed technical relationships to ensure seamless data exchanges and interoperability.

Volunteer

Reboot Kamp, Amman, Jordan *(December 2016 - April 2017)*

- Mentored students through a 4-month JavaScript Immersive Program, focusing on pair programming.
- Designed sprint-based learning modules to build both technical and soft skills.

Projects

Notion Workout Automation | GitHub

- Automates workout tracking in Notion by duplicating exercises from predefined templates.
- Uses Cloudflare Workers to process requests, log interactions, and prevent API rate limits.

Cover Letter AI | [GitHub](#)

- AI agent-powered application aide that analyzes job descriptions and resumes.
- Built with FastAPI, Supabase, OpenAI, and Anthropic, leveraging multiple AI agents for ATS optimization.

Education

University of Wisconsin Madison *(2008 - 2012)*

- Studied chemistry and biology, focusing on biophysics instrumentation research.
- Developed protein extinction coefficient testing methods before leaving academia.