

# Daniel J. Wirz

[GitHub](#) | [LinkedIn](#) | Minneapolis, MN | 715-225-8532 | [djwirz@gmail.com](mailto: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.