

# Fred Zimmerman AI Application Builder | Research Expert | Innovator

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## 1. PROVEN BUILDER OF AI APPS FOR TRANSLATIONAL HEALTH CARE

### Current Health AI Portfolio (2024-2025)

- **MyDailyEngine:** Behavioral optimization platform integrating peer-reviewed habit formation techniques with AI-powered predictive modeling
- **xAI Health Coach:** Persistent health intelligence system with conversation awareness, unstructured data handling, longitudinal tracking
- **Insurance Assessor:** Clinical claims analysis using computer vision and NLP for medical documentation
- **altDOGE:** Open-source regulatory analysis platform with multi-model LLM orchestration for healthcare policy

## 2. MULTIPLE RULES OPERATING MISSION-CRITICAL SYSTEMS FOR DEMANDING PROFESSIONAL USERS

- **NASA Earth Observing System Socioeconomic Data Application Center (SEDAC):** Founding member of team building critical linkages between gridded remote sensing data and human behavior data.
- **LexisNexis Product Leadership:** Led transformation of billion-dollar flagship research product from Windows to modern Web ("most important product in 10 years").
- **ISciences LLC:** Research analyst for CIA's MEDEA climate change program, transforming scientific literature into actionable intelligence for government policy producers
- **Gale Cengage:** Product manager for demographic and behavioral analytics product for public library managers
- **Nimble Books LLC:** Editor-in-chief for 300+ books for extremely detail-oriented readers of military, naval, and space history

### \*Shared Skill Set

- Rapid domain acquisition: Mastered climate data, legal research, intelligence analysis,
- Expert at translating research into production systems
- Built tools used by scientists, analysts, and medical professionals
- Proven ability to work with highly educated, research-oriented teams and end users

## 3. STARTUP MENTALITY & AGILITY WITH ENTERPRISE COMPATIBILITY

- Founder, Nimble Books LLC, 2006-2025, 300+ books published

## 4. HANDS-ON WITH TODAY'S AGENTIC CODE DEVELOPMENT

- Angel-funded startup, PledgeKicker, 2012-2014, \$150K angel funds
- Operated effectively in both small companies 10-100 (SEDAC, ISciences) and large (LexisNexis, Cengage)

### Agentic Systems Expertise

- Daily practitioner of multi-agent development using Claude, Kiro, Jules and DIY frameworks
- Built complex agentic workflows for research synthesis and analysis
  - Codexes Factory recreates entire book publishing process *in silico*
  - ContinuousIdeaGenerator class feeds into SyntheticReader and Tournament classes
  - Imprints system creates custom CodexTypes, front and back matter, with bespoke programmatically generated LuaLaTeX
- Expert prompt and context management using OSS and hand-crafted systems
- UI design leans heavily into opinionated system personas, which are superior for user learning, satisfaction, and retention

## 5. FULLY ALIGNED WITH FUNCTION'S MISSION FOR ACTIVE MANAGEMENT OF HEALTH

- I personally have built four actively managed whole person health prototypes in the last six months using agents.
- My professional life has been spent in domains like climate and publishing that are making a transition from historic "Laissez le temps roulez" and "let's throw it up against the wall and see what sticks" to continuous, optimizing, active control with feedback
- My work has consistently involved acquiring, conditioning, harmonizing, integrating, and exploiting diverse, heterogeneous data formats, and APIs.
- My lived experience with diverse health statuses gives me a clear-eyed perspective on SWOT for health care and the important translational delivery.
- I am looking for a role that allows me to work with a team of experts to develop and implement innovative solutions using state-of-the-art AI during this critical moment of transition towards or to "AGI".