

Aidan Zarski

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TECHNICAL SKILLS

Languages: TypeScript | JavaScript | Python | Java

Frameworks: Next.js | React | Node.js

Cloud & Infrastructure: Vercel | Vercel AI SDK | Vercel Sandboxes | AWS Services

Databases & Dev Tools: PostgreSQL | SQL | Git | GitHub | GitHub Actions

AI & Automation: AI Infrastructure | AI Agents | Agentic Systems | Claude Agent SDK | AI Workflow Automation

Product & Systems: SaaS Development | Financial Workflow Automation | Full-Stack Product Development

PROFESSIONAL EXPERIENCE

AI OWL -> NOAL AI - Columbus, OH

November 2025 - Present

Full-Stack Developer Intern -> Co-Founder & Founding Engineer

- Started as an AI OWL intern assigned to NOAL, then became a co-founder and founding engineer through product execution
- Built the entire NOAL platform from early concept to public launch for multifamily commercial real estate operators
- Architected and implemented full-stack systems across document ingestion, underwriting logic, pro forma workflows, AI-assisted analysis, collaboration, and user-facing product
- Learned CRE underwriting, financing, deal evaluation, and operator workflows, then translated industry logic into scalable software
- Supported Vessel pre-seed process by joining technical diligence calls and communicating product architecture, build progress, and technical execution

Taja.ai

December 2025 - February 2026

Fractional CTO

- Rebuilt core product systems and infrastructure for an AI-powered YouTube optimization and video workflow platform
- Reduced infrastructure and software costs by approximately \$10K/month while improving backend, product, and deployment workflows
- Led technical hiring and team rebuilding, evaluating developers and restructuring engineering responsibilities across the platform
- Worked across full-stack product, backend architecture, AI workflows, cloud deployment, and video-processing systems

Ecommerce Scaling - Dallas, TX

April 2025 - February 2026

Co-Founder (Acquired)

- Co-founded and exited an eBay automation agency generating six figures in revenue
- Built operational systems for account infrastructure, product sourcing, listing workflows, fulfillment, and process automation
- Managed ecommerce operations across client accounts, offshore operators, product distribution, and revenue workflows
- Automated repetitive operating tasks, allowing the business to scale and continue with minimal manual oversight

Moffitt Cancer Center - Tampa, FL

June 2023 - August 2023

Computational Modeling Intern

- Developed Java-based simulation software for cancer research studying T-cell migration, collagen alignment, and tumor microenvironments
- Modeled stochastic and collagen-biased cell movement to help researchers test how tissue structure affects immune infiltration
- Collaborated with mathematical oncology researchers and contributed to peer-reviewed research published in npj Systems Biology and Applications

PROJECTS & BUILDS

Agent Growth: Built AI agent infrastructure used across personal productivity workflows, development automation, and client-facing AI employee systems

InstantShorts.ai: Built full-stack AI text-to-video SaaS with AWS Lambda, API Gateway, EC2, custom rendering pipelines, and multiple paying customers

Personal Network CRM: Built full-stack relationship CRM with Next.js and Supabase, including onboarding flows, reminders, billing, and 60+ paying users

Instagram Theme Pages: Identified undervalued travel accounts, scaled a network to 350K+ followers, and monetized through ad placements and account sales

PUBLICATION & INTERESTS

Publication: Co-author, "Spatial interactions modulate tumor growth and immune infiltration," npj Systems Biology and Applications, Nature Portfolio, 2024

Interests: AI systems | agentic systems | startups | product design | NFL | weightlifting | ecommerce | technical media