

# TIMOTHY CHOICE

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## AI Solutions Engineer

AI Solutions Engineer with hands-on experience building and deploying production AI applications, consulting with clients to scope technical requirements, and driving adoption across enterprise environments. Built and shipped a range of AI applications and automation workflows for clients ranging from conversational AI and RAG to quantitative trading systems, with AI-accelerated development across Python, TypeScript, Next.js, FastAPI, and cloud infrastructure (AWS, GCP, Cloudflare). Background in distributed systems, presales consulting, and cross-functional stakeholder management across technical and non-technical audiences. U.S. Air Force veteran with TS clearance history.

## TECHNICAL SKILLS

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**AI & Machine Learning:** Automation Workflows, Context Engineering, Langchain, LLMops, Machine Learning Operations, Multi-Agent Systems, Prompt Engineering, RAG (Retrieval-Augmented Generation)

**Development & AI Tooling:** Claude Code, Codex, Cursor, FastAPI, Git Workflows, n8n, Next.js, Python, REST APIs, System Design, TypeScript, Zapier

**Infrastructure & Cloud:** AWS (including Bedrock, GovCloud, Lambda), CI/CD, Cloudflare, Distributed Systems, Docker, GCP, Infrastructure as Code (IaC), Linux System Administration, Nginx, SaaS Integrations, Terraform

**Sales, Enablement & Communication:** Cross-Functional Collaboration, Presales Consulting, Presentations, Technical Demonstrations

## WORK EXPERIENCE

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### Golden Horizons • United States (Remote) • 01/2023 - Present

#### AI Solutions Engineer & Founder

- Consult with clients to scope automation requirements and translate manual business processes into AI-powered solutions that streamline processes with new tools on the forefront of innovation. Deliver end-to-end demos and production deployments processing 10,000+ AI-assisted operations monthly, reducing manual operations by 95%.
- Use machine learning and data engineering to create multiple intelligent quantitative trading and market analysis systems utilizing LLMs for real-time data interpretation quantitative analytics and experiments, pattern recognition, dashboard creation, and decision support on centralized and decentralized exchanges, optimizing for sub-100ms latency.
- Design, build, and deploy 43 custom Claude skills and 31 AI agents using Claude, Claude Code, and Claude Cowork, integrating with vector databases, CRMs, and content platforms—enabling non-technical team members and clients to leverage AI through reusable, documented skill templates.
- Respond to client technical requirements by designing creative workarounds, advanced integrations, and custom solutions in a collaborative manner, developing deep product knowledge and consultative selling skills across complex, multi-stakeholder sales cycles.
- Ship 7+ production AI applications including RAG chatbots (53K+ vectors), multi-persona systems, content generation pipelines, and decision-support tools using Python, TypeScript, Next.js, FastAPI, and Cloudflare Workers. Continuous product management consisting of monitoring and optimizing throughout development lifecycle.
- Design and deliver technical POCs and live solution demonstrations for prospective clients, showcasing system architectures, API integrations, automation workflows, and custom tool configurations tailored to specific business use cases.

## **Golden Ratio Services • United States (Remote) • 11/2021 - Present**

### **Infrastructure Engineer & Founder**

- Build and manage globally accessible, enterprise grade RPC, REST/API, and gRPC endpoints utilizing Nginx, Docker, SSL automation, and Cloudflare, handling 234M+ HTTP requests weekly and 1.48TB+ data transfer, consistently achieving 99.9%+ uptime. Continuously prioritize infrastructure scalability, robust security practices, and comprehensive observability, ensuring reliable support for mission-critical blockchain operations.
- Led marketing, community growth, and investor relations for Golden Ratio Staking validator business, building a 20K+ Twitter following and active Discord/Telegram communities. Managed a delegator /client base representing over 50,000 individual, institutional, and blockchain network foundation delegators totaling \$230M+ in staked assets.
- Serve as primary point of contact for institutional and individual investors, providing performance reporting, addressing technical inquiries, and maintaining trust-based relationships that drove long-term capital retention, demonstrating account management and consultative communication skills at scale.

## **U.S. General Services Administration • Auburn, WA • 10/2020 - 12/2022**

### **Lease Contracting Specialist**

- Served as primary client-facing liaison and technical representative for complex federal real estate acquisitions, collaborating with internal and external stakeholders to scope requirements, develop solutions, and execute multi-million dollar projects aligned with diverse public sector customer outcomes.
- Managed the full lifecycle of complex federal real estate acquisitions, highly analytical components including market research, contract negotiation, cost analysis, and stakeholder coordination and collaboration for multi-million dollar projects.

## **EXIT Realty Great Falls • Great Falls, Montana Area • 09/2018 - 10/2020**

### **Real Estate Salesperson**

- Negotiated and closed 27+ transactions totaling \$5.5M+ in volume within first 18 months, building a client pipeline through prospecting, relationship management, and consultative needs assessment across complex, multi-month sales cycles.

## **United States Air Force • Great Falls, MT • 01/2016 - 10/2019**

### **Nuclear & Missile Operations Officer**

- Led operations team of 29 personnel managing 150 nuclear missiles (\$500M+ asset value), ensuring 100% operational readiness and zero safety incidents. Developed crisis decision-making, high-stakes communication, and leadership capabilities under extreme pressure.

### **Resource Management & Third Party Collections Officer**

- Processed and verified third-party health insurance data for 1,100+ patient records using the Composite Health Care System (CHCS), ensuring the base maintained compliance with DoD requirements to identify and bill private insurance carriers prior to government-funded care. Tracked and updated 250 deficient patient records through implementation of Medical Card Program.

## **EDUCATION**

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### **Bachelor of Arts in Criminal Justice**

University of North Carolina at Charlotte • 08/2011 - 05/2015

## **CERTIFICATIONS**

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### **HBS 428 — Negotiating**

Harvard Business School via Defense Acquisition University

### **CLC 047 — Contract Negotiation Techniques**

Defense Acquisition University