

# Chandler Hardy

Full Stack Developer / Software Engineer

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## SUMMARY

Full-stack software engineer with 2 years of experience building production systems processing data for 40% of US cattle operations. Highly productive with modern AI-assisted development tools (Claude Code, GitHub Copilot), accelerating feature delivery 2-3x over traditional development. Proven ability to rapidly learn new technologies and ship polished applications across web and mobile platforms. Seeking a remote role at an AI-forward company building innovative products.

## TECHNICAL SKILLS

**Programming Languages:** TypeScript, JavaScript, Python, Swift, PHP

**Front-End:** React.js, Vue.js, Next.js, TailwindCSS, Bootstrap, jQuery

**Back-End:** FastAPI, Node.js, Express.js, Next.js API Routes, GraphQL, RESTful APIs

**Database:** PostgreSQL, MongoDB, MySQL

**AI/ML:** Claude API, OpenAI API, LLM integration, AI-assisted development

**Mobile:** iOS (Swift, SwiftUI), cross-platform development

**Design:** Figma, Sketch, UI/UX principles

**Version Control:** Git, GitHub, GitLab

## EXPERIENCE

### Software Engineer

*Performance Livestock Analytics* • February 2024 - Present

- Built data analytics platform processing livestock data at national scale (40% US market share), serving enterprise customers across the agricultural technology sector
- Accelerated development velocity using AI-assisted tools (Claude Code, GitHub Copilot), becoming team's most prolific contributor with 2-3x typical feature delivery rate
- Developed dynamic user interfaces using Vue.js and JavaScript for comprehensive web-based analytics platform, creating interactive data visualizations with Highcharts to help producers analyze performance metrics and optimize operational decisions
- Architected and implemented server-side applications in PHP and Golang to support high-performance APIs for large-scale livestock data operations
- Designed and optimized MongoDB database schemas for large-scale livestock data storage and retrieval, managing data for thousands of cattle operations
- Contributed to platform development serving critical insights to thousands of cattle operations nationwide, working within legacy codebase while implementing modern development practices

## PROJECTS

### Chronicle - AI-Powered Development Memory System

*Technologies:* Python, SQLite, SQLAlchemy, FastMCP, Model Context Protocol, GitPython, Click, Rich, Alembic

- Engineered production-grade local-first productivity platform giving AI assistants persistent memory across sessions, solving context-loss problem that costs developers hours of repeated explanations

- Built comprehensive session recording system capturing full transcripts of Claude Code, Gemini CLI, and Qwen interactions with automatic git commit linking, intelligent summarization, and searchable history
- Implemented Model Context Protocol (MCP) server with 15+ tools enabling AI assistants to query Chronicle's database directly for past decisions, implementations, project roadmaps, and milestone tracking
- Architected SQLite-based system with automatic summarization, caching, schema migrations (Alembic), built-in update mechanism, and multi-repository tracking processing unlimited session sizes
- Developed project management system with milestones, roadmaps, and next-step planning - dogfooded by using Chronicle to build Chronicle itself (meta-development)
- Published as open-source tool with 140 passing tests, comprehensive documentation, CLI with 30+ commands, and Claude Skills marketplace integration

### **Crooked Finger** - AI-Powered Crochet & Knitting Assistant

*Technologies:* React, Next.js, FastAPI, GraphQL (Strawberry), PostgreSQL, Swift, SwiftUI, Claude API, TailwindCSS

- Built full-stack web and iOS application helping crafters understand complex patterns through AI-powered assistance, pattern parsing, and project-specific guidance
- Designed and implemented GraphQL API using FastAPI and Strawberry, providing efficient data fetching for pattern library, project management, and AI chat features
- Taught myself Swift and iOS development using AI-assisted tools (Claude Code), successfully porting web application to native iOS within two weeks
- Implemented cross-platform data synchronization between web and mobile, ensuring seamless user experience across devices
- Integrated multiple AI providers (Google Gemini, OpenRouter) with intelligent model routing based on query complexity
- Deployed on Oracle Cloud Infrastructure with PostgreSQL database, nginx reverse proxy, and automated CI/CD pipeline

### **CryptAssist** - Cryptocurrency Portfolio Management Platform

*Technologies:* Next.js, TypeScript, FastAPI, GraphQL (Strawberry), PostgreSQL, Redis, Docker, GitHub AI (Llama 3.1)

- Architected and deployed production-grade portfolio management system with real-time cryptocurrency tracking, AI-powered investment insights, and professional-grade analytics
- Implemented complex financial algorithms including FIFO cost basis calculation for accurate tax reporting, realized/unrealized P&L tracking, and transaction validation preventing overselling
- Built GraphQL API with FastAPI and Strawberry serving multi-portfolio management, complete transaction ledgers, and role-based authentication with JWT tokens
- Integrated GitHub's Llama 3.1 8B AI model for portfolio-aware investment recommendations with context-sensitive responses based on user holdings
- Deployed containerized application on Oracle Cloud Infrastructure with PostgreSQL, Redis caching, SSL/TLS encryption, and CoinGecko API integration for live price data

## **ADDITIONAL INFORMATION**

- All portfolio projects deployed and publicly accessible with live demos
- Seeking 100% remote position
- Available to start immediately