

COREY REDWINE

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SUMMARY

AI platform engineer and technical founder who has designed, built, and shipped a production multi-agent ecosystem serving 20+ clients. Architected autonomous daemon orchestrating 6+ concurrent AI services, built ML-driven trading systems, and created an AI-powered site generator producing enterprise-quality websites at \$0.35/build. Deep hands-on experience with Claude API, OpenAI, Gemini, LangChain, RAG pipelines, and multi-agent architectures. BS in Computing with Lean Six Sigma Black Belt -- combining software engineering rigor with data-driven quality systems.

TECHNICAL SKILLS

AI/ML: Claude API (Anthropic), OpenAI API, Google Gemini, LangChain, RAG, prompt engineering, multi-agent orchestration, autonomous agent design, NLP, ML ensemble methods, reinforcement learning **Languages:** Python, TypeScript, JavaScript, SQL, Dart **Frontend:** React, Next.js, HTML/CSS, Tailwind CSS, responsive design **Backend:** Node.js, FastAPI, Firebase (Firestore, Functions, Hosting, Auth), Express **Cloud/Infra:** Google Cloud Run, AWS, Firebase, GitHub Actions CI/CD, Docker, Cloudflare **Data:** Power BI, PostgreSQL, Firestore, vector databases, data pipelines, ETL **APIs:** Meta Cloud API (WhatsApp), Discord.js, SendGrid, Stripe, Alpaca Markets, Kraken **Quality:** ISO 9001, Lean Six Sigma Black Belt, SPC, FMEA, root cause analysis

EXPERIENCE

Founder & AI Platform Engineer | Forge Dev.studio

Oct 2024 -- Present | Remote

- Designed and built a **production multi-agent platform** orchestrating 6+ autonomous services via a central daemon process -- WhatsApp bot (Meta Cloud API), Discord bot, LinkedIn auto-poster, and 3 ML trading engines running concurrently
- Created an **AI-powered website generator** using Claude Sonnet that produces full production sites from a chat conversation, including SEO, responsive design, and automated deployment to GitHub Pages -- cost per build: \$0.35
- Built and deployed **20+ client websites** across industries (solar, medical, legal, landscaping, roofing) with full SEO optimization, generating \$500+ per site
- Architected **StealsEngine** (stealsengine.com) -- an autonomous AI deal aggregation platform with 368+ deals, SendGrid newsletter automation, social media auto-posting across 5 platforms, and Cloud Run deployment
- Developed **3 ML-driven trading systems**: stock trader using mean reversion/momentum/pump detection with ML ensemble + RL exits (\$95K paper portfolio), and 2 crypto engines with regime-adaptive strategies and triangular arbitrage
- Built **Staffing Limitless** (staffinglimitless.com) -- AI staffing platform with 13 autonomous agents handling candidate matching, outreach, and pipeline management via Cloud Run
- Engineered a **unified social media automation system** posting AI-generated content to Facebook, LinkedIn, Instagram, X, and Reddit on scheduled rotations with Telegram-based approval flows
- Implemented **WhatsApp business automation** using Meta's official Cloud API with Firebase webhooks, providing AI-powered responses with full project context via OpenAI integration

Quality Control Engineer | Intertek / Clean Energy Associates

Oct 2024 -- Present | Remote

- Oversee quality audits, production monitoring, and inspections across U.S. photovoltaic (solar) manufacturing facilities
- Apply data-driven quality methodologies (SPC, FMEA) to identify defect patterns and drive process improvements
- Manage cross-facility compliance reporting and audit documentation

Quality Engineer | Qcells North America

Dec 2023 -- Oct 2024 | Dalton, GA

- Led ISO 9001 quality management system certification for North American solar panel manufacturing
- Developed quality control processes for high-volume PV module production lines
- Performed root cause analysis and implemented corrective actions reducing defect rates

Quality Data Analyst | Loloi Rugs

May 2023 -- Dec 2023 | Dallas, TX

- Built Power BI dashboards and scorecards for executive quality reporting
- Designed data pipelines for automated quality metrics tracking across supply chain
- Applied statistical analysis to identify quality trends and drive supplier improvements

Quality Administrator | Stanton Carpet Corporation

Mar 2013 -- Jun 2023 | Calhoun, GA

- Managed quality systems for 10 years across manufacturing operations
- Developed and maintained quality documentation, inspection protocols, and compliance records

EDUCATION

Bachelor of Science in Computing | University of West Georgia | 2024 | GPA: 3.6

CERTIFICATIONS

- Microsoft Certified: Power BI Data Analyst
- Lean Six Sigma Black Belt
- Google Data Analytics Professional Certificate

NOTABLE PROJECTS

Forge Agent -- Open-source self-hosted AI agent runtime for task automation **Family Vault** -- Encrypted family document storage platform (Next.js, Supabase) **MyEdu** -- AI-powered education platform with personalized learning paths **AI Receptionist** -- Voice-based AI receptionist prototype using speech synthesis