

CONNOR R. STONE

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SKILLS & TECHNOLOGIES

Programming Languages: Python, TypeScript, JavaScript, Golang, C, SQL

Backend & Real-Time Systems: REST APIs, event-driven architectures, real-time systems, WebSockets, Linux-based services

Data & Messaging: High-throughput ingestion, Pub/Sub messaging, PostgreSQL, vector databases

Cloud Infrastructure & Operations: GCP, AWS, containerized services, production reliability & scaling, cost optimization

DevOps & Release Engineering: CI/CD pipelines, Docker, workflow-driven automation, automated releases & deployments

AI-Enabled Backend Systems: LLM integration, context engineering, RAG architectures, data grounding pipelines

PROFESSIONAL EXPERIENCE

Neural Dynamics

Miami, FL

Founder & CTO

Sep 2021 – Present

- Enabled 24/7 automated real-money trading across 50 user-linked exchange accounts by designing, building, and operating a production backend platform for non-custodial cryptocurrency portfolio management.
- Processed ~12,000 real-time market events per day with 99.9% uptime by designing and operating cloud infrastructure on Google Cloud Platform to support trading execution, data ingestion, and account state management.
- Achieved low-latency trade execution by implementing autonomous trading services in Python that integrate multiple exchange APIs, enforce risk constraints, and manage portfolio state.
- Generated over 10TB of proprietary training data by building high-throughput data pipelines using WebSockets and Pub/Sub to stream, compress, and persist high-frequency order book and market data.
- Maintained uninterrupted production operations involving real capital by owning deployments, monitoring, and live incident response, resolving 25+ production incidents without custodial exposure.

Blue Group Media Inc.

Miami, FL

Lead Platform Engineer

Jun 2025 – Present

- Delivered a production internal ERP relied upon daily by company leadership by designing and implementing a platform supporting accounting (AR/AP), sales operations, and executive reporting.
- Reduced recurring manual operational work by ~150 hours per month by modeling complex business entities and permissioned workflows in Python (Frappe), enabling fast ad hoc reporting and automation.
- Reduced application storage footprint by 96% while improving data durability by re-architecting file storage and modifying framework internals to offload assets to AWS S3.
- Cut release packaging and deployment time from ~1 hour to ~3 minutes by building automated CI/CD pipelines with GitHub Actions, semantic versioning, and zero-touch production deployments.

ECP Business Capital

Miami, FL

Technical Lead – Internal Tools & Automation

Jan 2024 – May 2025

- Improved executive visibility across sales and recruiting pipelines by implementing a customized internal CRM supporting 150+ active users across 3 offices, enabling employee auditing and improving average employee output by 40%.
- Enabled 20,000+ automated outbound SMS messages per week by designing and implementing custom modem-based software that unlocked new automated marketing and client engagement channels, increasing client intake by 150 applications per month.

Apokto (acquired by Aleq)

Miami, FL

Product Engineer (Backend & AI Systems)

Jul 2023 – Jan 2024

- Enabled scalable financial analytics workflows for operators and CFOs by building backend services for an AI-driven intelligence platform using TypeScript and Express.
- Delivered v1 and v2 of an LLM-powered assistant by designing and implementing retrieval-augmented generation (RAG) infrastructure with ChromaDB to ground responses in structured financial data.
- Improved maintainability and accelerated feature delivery across a team of five engineers by migrating AI services from Python to TypeScript to align with the core application stack.

PROJECT EXPERIENCE

3rd Place Winner, Google Tech Equity Collective Hackathon

Miami, FL

Lead Engineer – Customer Service AI Agent

Dec 2023

- Built an AI-powered disaster response customer service agent in 24 hours by leading backend development with a Python FastAPI service and retrieval-augmented generation workflows, placing 3rd out of 20 competing teams

EDUCATION

University of Florida

Gainesville, FL

Master of Science in Finance – Hough Graduate School of Business

May 2019

Bachelor of Science in Business Administration, Finance – Warrington College of Business

Dec 2018

Minor in Computer Science – Herbert Wertheim College of Engineering

Dec 2018