

SHERIF ABOULNASR

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Full-stack engineer and two-time founder: sole engineer behind four subscription iOS apps with 40K+ downloads and a Next.js/PostgreSQL SaaS serving 1K+ paying users, \$85K+ combined revenue across all products. Own every layer on live apps: onboarding, payments, auth, push, widgets, and production debugging.

SKILLS

Languages: TypeScript/JavaScript, Python, SQL, C/C++, Swift

Mobile: SwiftUI, HealthKit, Family Controls/DeviceActivity, WidgetKit, Live Activities, RevenueCat, Expo/React Native

Web & Backend: Next.js, React, Node.js, Supabase, PostgreSQL, Stripe, OAuth/OTP

AI & Agents: LLM APIs (Anthropic, OpenAI), MCP, RAG, vector stores, NLP, Scikit-learn, Whisper

Cloud & Data: GCP (Cloud Run), Microsoft Fabric, SQL Server, ETL pipelines, Power BI

EXPERIENCE

Co-Founder & Software Engineer

EFN Group LLC

Fort Myers, FL

Jan 2026 – Present

- Shipped four production iOS apps to the App Store end to end: Dosely, a supplement and peptide dosing tracker (30K+ downloads, \$55K+ revenue), and Stepsy, which gates selected apps behind a daily step goal via Family Controls and HealthKit
- Launched Pingr, real-time TCG restock alerts with Realtime-to-push handoff and server-enforced entitlements, and uMaps, an urban exploration map with a PostGIS privacy model serving fuzzed public coordinates
- Built a shared Node/Postgres backend on Supabase powering all four apps (auth, PostgreSQL, Edge Functions, storage) with RevenueCat subscriptions and a cache-first, offline-ready repository pattern across 7+ data models

Founder & Software Engineer

SKA Digital LLC

Fort Myers, FL

Jan 2026 – Present

- Built and operate ModernSims solo across engineering, product, customer support, and instructor outreach: a full-stack Next.js/PostgreSQL platform with 6 business simulations serving 1K+ paying users and \$30K+ revenue; student teams compete across 4–5 rounds on pricing and positioning decisions
- Designed a 12+ table PostgreSQL schema with Row-Level Security, Stripe payments, OTP auth, and 50+ API routes; built per-simulation calculation engines covering demand scoring, market segmentation, brand loyalty, and service-quality dynamics

Graduate Assistant

Florida Gulf Coast University — Dept. of Information Systems, Analytics & Supply Chain

Fort Myers, FL

Sep 2025 – Present

- Built an NLP pipeline in Python (NRC Emotion Lexicon) classifying 600+ abstracts across 8 emotion categories over 3 years; wrote upstream data-cleaning scripts turning inconsistent raw inputs into analysis-ready datasets feeding the pipeline and dashboards
- Co-authored a gamification-in-finance research paper; designed a 53-item survey distributed to 200+ respondents

Motor Control System — Software Lead | FSU Senior Capstone

Florida State University

Tallahassee, FL

Aug 2024 – May 2025

- Led a 4-person team building an embedded motor control system; programmed PID algorithms on MSP432
- Designed a data acquisition pipeline sampling 3 sensor channels (RPM, torque, current) for real-time analysis

Systems Integration Intern

Megasoft

Cairo, Egypt

Summer 2024

- Integrated enterprise services via IBM Cloud Pak, automating data flow across microservices to reduce manual transfer
- Built and tested workflows over REST/MQTT, debugging connectivity issues to achieve 99% uptime

PROJECTS

AI Agent Infrastructure & Developer Tooling — Python, Node.js, MCP

2025 – Present

- Built a persistent agent memory system using linked knowledge graphs with infinite-depth taxonomy, automated regrouping, and a two-layer recall architecture for context that persists across sessions
- Built agent infrastructure: codex-flow, a workflow engine that fans orchestration scripts out over parallel CLI coding agents; an MCP server giving agents real-time visual feedback via screen capture; and Beam, a Chrome extension that opens a context-loaded Claude Code session from a click on any live-site element

Cross-Product Analytics Warehouse — Microsoft Fabric, Power BI

2026 – Present

- Built a 3-layer Medallion warehouse (Bronze/Silver/Gold) consolidating user, revenue, and usage data from multiple PostgreSQL backends with automated quality checks
- Built a single-page Power BI dashboard surfacing cross-product user, revenue, and engagement KPIs

EDUCATION

Florida Gulf Coast University

Master of Science in Data Analytics and Artificial Intelligence

Fort Myers, FL

Summer 2026

Florida State University

Bachelor of Science in Computer Engineering

Tallahassee, FL

May 2025