

# Giannis Roussos

Software Engineer, Full-Stack | TypeScript | React | Next.js | Node.js

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## Summary

Full-stack software engineer specializing in TypeScript, React, Next.js, and Node.js. Production experience shipping SaaS platforms, real-time dashboards, AI-orchestrated systems, and third-party API integrations. Multi-model clinical AI platform rebuilt in a second framework over a weekend to benchmark architectures. Dual US citizen, US LLC. No sponsorship required. Available immediately.

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## Technical Skills

**Languages:** TypeScript, JavaScript (ES6+), Python, Ruby

**Frontend:** React, Next.js (App Router), Tailwind CSS, HTML5, CSS3, SVG rendering

**Backend:** Node.js, Express, REST APIs, Ruby on Rails 7, Hotwire (Turbo/Stimulus)

**Databases:** PostgreSQL, Supabase (pgvector), Firebase (Firestore), MongoDB - document model

**Cloud & DevOps:** AWS (App Runner, EC2, S3), Vercel, Fly.io, GitHub Actions (CI/CD), Redis, Sidekiq

**AI & Integrations:** Vercel AI SDK, Gemini/Gemma orchestration, RAG/pgvector, PubMed API, Stripe, HL7 FHIR R4

**In Development:** Vue.js, Docker, Jest, Vitest, LangChain

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## Experience

**Hestia's Hearth LLC - Remote** Jan 2026 - Present

*Freelance Software Engineer*

- Designed and shipped Aegis AI Clinical Decision Support: Gemini/Gemma waterfall architecture, RAG via Supabase pgvector, PubMed evidence grounding, FHIR R4 explorer, Redis rate limiting. Rebuilt entirely in Ruby on Rails in 48 hours - 60% faster execution, 85% less JavaScript payload.
- Built FHIR Pulse: real-time clinical dashboard with SVG waveform rendering, Node.js/Express proxy on AWS App Runner, 30% reduction in client-side processing overhead via server-side data transformation.
- Developed a Python/OpenAPI 3.0 static analysis tool integrated with GitHub Actions as a CI/CD gate for API security compliance.

**Skinstric - Remote** Jan 2026 - Feb 2026

*Software Engineering Intern*

- Built an AI selfie-capture module using MediaPipe BlazeFace for real-time face detection, iterating from pixel-based detection to a production-grade 36-segment guidance oval with per-segment live alignment feedback. Stack: React, Next.js, TypeScript, Firebase, Browser Media API.

**Summarist - Remote** Dec 2025 - Jan 2026

*Software Engineering Intern (Unpaid)*

- Delivered a full-stack SaaS audiobook platform with manual Stripe API integration, Firebase Auth, Firestore, SSR-optimized content delivery, and Redux tier-based feature gating - built without AI assistance. Stack: React, Next.js, TypeScript, Firebase, Redux, Stripe.

**AMN Healthcare / HealthTrust Workforce Solutions** 2017 - 2025

*Critical Care and Emergency Registered Nurse (Travel and Staff)*

- Deployed across 15+ facilities managing complex patient loads under zero-margin-for-error conditions, including COVID crisis response. Frontline troubleshooter for Epic and Cerner EHR systems.

**InterFACE / DriveTime / Diageo / AmeriBanc** 2007 - 2015

*District and Regional Sales Manager*

- Managed 7 locations (+17% profitability), launched DriveTime's 100th nationwide location, grew Diageo territory market share by 35%.

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## Projects

**Aegis AI Clinical Decision Support** | [Demo](#) | [GitHub](#)

- Multi-model AI platform: Gemini/Gemma waterfall, RAG via pgvector, PubMed grounding, FHIR R4 explorer, Redis rate limiting. Rails rebuild: 60% faster, 85% less JS payload.

**FHIR Pulse Clinical Interoperability Dashboard** | [Demo](#) | [GitHub](#)

- Real-time patient vitals: HL7 FHIR R4 via Node.js/Express proxy on AWS, SVG waveform rendering, 30% reduction in client-side processing overhead.

**Summarist SaaS Platform** | [Demo](#) | [GitHub](#)

- Full-stack audiobook SaaS: manual Stripe integration, Firebase Auth, Firestore, SSR content delivery, Redux tier-based feature gating.

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## Education

FES Institute - Software Engineering Program | Univ. of West Florida - B.S. Nursing | Oakland University - B.S. HR Management