

# Giannis Roussos

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

grcodes@outlook.com | 813-270-5693 | Athens, Greece (US EST hours) | [LinkedIn](#) | [Portfolio](#)

## Summary

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Full-stack software engineer specializing in TypeScript, React, Next.js, and Node.js, with production experience shipping SaaS platforms, real-time dashboards, AI-orchestrated systems, and third-party API integrations. Built and deployed multiple applications independently, including a multi-model clinical AI platform rebuilt in a second framework over a weekend to benchmark architectures. Currently contracts as an AI model evaluator for major frontier AI labs across three platforms. Dual US citizen operating through a US LLC. No sponsorship required. Available immediately.

## Technical Skills

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

**Frontend:** React, Next.js (App Router), Angular 18, Tailwind CSS, HTML5, CSS3, SVG rendering

**Backend:** Node.js, Express, REST APIs, Ruby on Rails 7/8, Hotwire (Turbo/Stimulus)

**Databases:** PostgreSQL, Supabase (pgvector), Firebase (Firestore), MongoDB, DynamoDB

**Cloud & DevOps:** AWS (App Runner, Lambda, EC2, S3, API Gateway, SAM), 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

## Experience

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### Hestia's Hearth LLC - Remote

Jan 2026 - Present

*Freelance Software Engineer*

- Designed and shipped Aegis AI Clinical Decision Support, a multi-model AI platform featuring a Gemini/Gemma waterfall architecture, RAG via Supabase pgvector, live PubMed evidence grounding, FHIR R4 data explorer, Redis rate limiting, and structured audit logging.
- Rebuilt Aegis entirely in Ruby on Rails, a framework learned from scratch, over 48 hours to benchmark architectures. Result: 60% faster total execution (5.6s vs 14.7s) and 85% reduction in JavaScript payload.
- Built a real-time FHIR R4 clinical dashboard with SVG waveform rendering, Node.js/Express proxy on AWS App Runner, and server-side data transformation that reduced client-side processing overhead by 30%.
- Developed a Python static analysis tool enforcing OpenAPI 3.0 security rules, integrated with GitHub Actions as a CI/CD gate to block non-compliant API specs before merge.

### AI Model Evaluation Contractor - Remote

May 2026 - Present

*Alignerr / Micro1 / Mercor*

- Mercor: Evaluate AI-generated slide deck outputs for one of the industry's best-known AI labs, grading against batch-specific rubrics spanning visual and front-end design quality, instruction and template adherence, and content accuracy.
- Micro1: Execute prompts against pre-release, unreleased coding models from a leading frontier AI lab in agentic CLI environments, evaluating outputs on front-end quality and instruction-following completeness.
- Alignerr: Design original, realistic long-horizon engineering tasks to benchmark two models from one of the industry's biggest AI labs head to head, iteratively prompting each to a 1M-token budget and scoring every turn across 8 distinct evaluation axes.

### 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 implementation with a custom 36-segment guidance oval that lights up per-segment based on live face alignment data.
- Integrated Firebase Cloud Storage for image upload and built an admin dashboard for capture review, extending the original Figma spec with additional features shipped to production.
- Stack: React, Next.js, TypeScript, Firebase Cloud Storage, 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 Authentication, Firestore data layer, and SSR-optimized content delivery, built without AI assistance as a deliberate fundamentals exercise.
- Implemented Redux-managed isPremium flag for tier-based feature gating, controlling access to premium content across the full application state tree.

- Integrated multiple external APIs for dynamic content delivery including audio streaming and book metadata. 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 in multiple states as a travel nurse, managing complex patient loads under time pressure with zero margin for error, 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, increased profitability by 17%, launched DriveTime's 100th nationwide location, and grew Diageo territory market share by 35% through data-driven team coaching and process standardization.

#### **Greek Armed Forces**

2005 - 2007

*Platoon Leader - Special Forces / Paratrooper*

- Led a 30-soldier Special Forces platoon as Heavy Weapons Instructor; honorably discharged as Second Lieutenant (Reserve). The zero-defect operational mindset and rapid skill acquisition under pressure formed the foundation for every engineering sprint since.

#### **Walt Disney World - Orlando, FL**

Sep 2001 - Mar 2002

*Operations Host / College Program Intern*

- Learned customer service, the original user experience, from the best in the business. The operational precision and guest-first standards of a Tier-1 global organization remain the benchmark for every user-facing product decision.

### **Projects**

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

- Multi-model AI platform (Next.js + Rails): Gemini/Gemma waterfall, RAG via pgvector, PubMed grounding, FHIR R4 explorer, Redis rate limiting. Rails rebuild: 60% faster execution, 85% less JavaScript payload.

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

- Full-stack audiobook SaaS with manual Stripe integration, Firebase Auth, Firestore, SSR content delivery, and Redux tier-based feature gating. Built without AI assistance.

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

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

#### **PostHog FHIR Event Bridge** | [GitHub](#)

- TypeScript/Node.js bridge forwarding LOINC-coded HL7 FHIR R4 Observation events to PostHog as structured analytics via posthog-node SDK. Dry-run and live modes verified.

### **Education**

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#### **FES Institute**

Aug 2025 - Feb 2026

*Software Engineering Program*

#### **University of West Florida**

2020

*Bachelor of Science, Nursing*

#### **Broward College**

2016

*Associate of Science, Nursing*

#### **Oakland University**

2004

*Bachelor of Science, Human Resource Management*