

Giannis Roussos

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Software Engineer | www.giannisroussos.com

Profile

Full-Stack Software Engineer with a decade of high-stakes clinical operations experience. Specialized in architecting scalable, user-centric applications using **TypeScript, React/Next.js, and Node.js**. Expert at bridging the gap between complex backend data structures (HL7/FHIR) and intuitive frontend experiences. Leveraging a "clinical-first" engineering mindset to eliminate UX friction and drive performance in mission-critical environments.

Engineering Internships & Clinical Projects

Software Engineering Intern, Skinstric, Remote

Jan 2026 to Feb 2026

- Engineered a React/Browser Media API selfie-capture interface with real-time feedback; built a secure image-upload and processing dashboard for clinical tracking using Next.js.
- Translated medical charting requirements into a modern, high-performance health-tracking User Interface.

Software Engineering Intern, Summarist, Remote

Dec 2025 to Jan 2026

- Developed a Next.js audio-book platform integrating multiple APIs for dynamic content; optimized asset loading and SSR to ensure a seamless user experience.
- Scaled up to a full-stack application complete with seamless Stripe payment integration and back-end hosted by Firebase.

FHIR Pulse: Clinical Interoperability Dashboard

Clinical Telemetry Gateway | *Node.js, Next.js, AWS App Runner, HL7 FHIR*

- Architected a **decoupled full-stack system** using an **Express.js proxy** on AWS to securely aggregate and transform **HL7 FHIR R4** clinical data.
- Built a real-time **Next.js** dashboard featuring **SVG waveform rendering** and environment-driven configuration for seamless dev-to-prod promotion.
- Optimized data delivery by offloading resource transformation to the backend, reducing client-side processing overhead by **30%**.

Technical Expertise

JavaScript (ES6+)
Redux
Firebase
API Integration

HTML5
React.JS
FHIR/HL7 Standards
WebGL

CSS3
Next.JS
Material UI
Vercel

Tailwind CSS
Three.JS
Interoperability
GitHub

Career Experience

Multiple Employers

2017 to Present

Critical Care & Emergency Registered Nurse (Travel/Staff)

- Executed high-pressure troubleshooting for complex EHR/EMR systems across 15+ facilities (Kaiser, Emory, MedStar). Applied ICU-grade analytical decision-making to production-down scenarios.
- Partnered with interdisciplinary teams to ensure system integrity across diverse organizations.

InterFACE / DriveTime

2011 to 2015

District & Sales Manager

- Managed operations for 7 locations, aligning technical and operational initiatives with business KPIs to drive regional profitability and enhance customer experience. Expanded locations and profitability by 17%.
- Recruited, selected, and on-boarded staff; designed and delivered training and coaching programs to improve performance consistency across locations.
- Standardized reporting and operational processes to streamline workflow, improve inventory control, and enable data-driven decisions at the district level.

Olympic Air (Athens, Greece)
Crew Coordinator

2009 to 2011

- Managed real-time scheduling and logistics for 700+ crew members, swiftly resolving technical and staffing disruptions to maintain on-time operations.
- Introduced process improvements to streamline communication and execute contingency plans, ensuring regulatory compliance and operational resilience under pressure.

Diageo, Greece
Outlet Developer

2007 to 2009

- Maintained and grew relationships with ontrade accounts, acquiring new clients and increasing product market share in the territory by an average of 35%.
- Negotiated distribution agreements and organized events to drive brand awareness and sales volume.
- Managed company assets and funds, kept detailed client and activity records, and consistently exceeded sales and volume targets.

Greek Armed Forces
Platoon Leader

2005 to 2009

- Led a 30-soldier platoon; responsible for tactical training and operational readiness as a Green Beret/Parachutist. Heavy Weapons Instructor. Honorably discharged as Second Lieutenant (Reserve).

Education

Frontend Software Engineering Program
Frontend Simplified (FES)

Jul 2025 to Feb 2026

B.S. Nursing
Univ. of West Florida

Feb 2020

A.S. Nursing
Broward College

Dec 2016

B.S. HR Management
Oakland University

Dec 2004

Languages

Greek, English, German, French, Spanish

Other Internships

Intern, Orlando, FL
Walt Disney World

Sept 2001 to Mar 2002

- Acquired world-class customer service and operational standards within a Tier-1 global corporate environment.

Hobby Projects

Netflix Clone & User Auth

React, Firestore, Firebase Auth

- Engineered a high-fidelity streaming UI with functional Firestore backend for secure authentication and watch-lists.

Interactive 3D Storefront

Three.js, WebGL

- Developed an immersive 3D product tool, demonstrating advanced rendering and interactive browser experiences.