Daniel Garro

Software Engineer

Hightstown, NJ, USA
daniel.garro@protonmail.com
(609) 212-6030

https://daniel-garro-dev.web.app/
https://github.com/dannynow6
https://www.linkedin.com/in/garro-daniel/

SUMMARY

Results-driven **Software Engineer** with **4+ years of experience** building scalable, high-performance web applications. Specializing in Next.js, React, and Firebase, with expertise in scalable UI architectures, API integrations, and performance optimization. Strong problem-solver with **entrepreneurial experience**, a track record of **launching successful apps**, and expertise in **mentoring and coaching developers**.

TECHNICAL SKILLS

Advanced: JavaScript (ES6+), React, Next.js, Typescript, ShadCN, Tailwind CSS, DaisyUI, Firebase, Supabase, Sanity, Django, Python, Express, Node.js, Github Actions, SQL, PostgreSQL, MongoDB, ORM, OOP, Context Engineer, Prompt Engineer, Git/Github, Vercel, Search Engine Optimization, API Integration, AI Integration, Payment Processors, AI Agentic Workflows
Familiar: MySQL, IIS, VirtualBox
Other: Affinity Photo, Affinity Designer, Affinity Publisher, Capture One, Figma, Insomnia, Postman, Canva, Microsoft ClipChamp, Audacity
Soft Skills: Problem-Solving, Communication, Team Leadership, Time Management, Adaptability, Creativity

WHY HIRE ME?

✅ **Proven Full-Stack Expertise** – Experience developing and deploying scalable applications.
✅ **AI & Automation Enthusiast** – Passionate about leveraging AI to enhance user experience.
✅ **Entrepreneurial Mindset** – Founded and scaled multiple successful web projects.
✅ **Strong Problem-Solving & Communication Skills** – Background in mentorship, coaching, and education.

EXPERIENCE

Co-founder & Coding Mentor | **CodeNoobs**   *Sept 2023 - Present*

- Built CodeNoobs, a mentorship and coaching program empowering **1600+** aspiring developers to transition into tech.
- Created an interactive community offering structured guidance, live coaching, and hands-on coding experiences to boost engagement and accelerate skill acquisition.
- Designed a comprehensive web developer curriculum covering HTML, CSS, JavaScript, Next.js, Firebase, and Vercel, focusing on practical projects that lead to real-world applications and freelance job placements.
- Increased student success by implementing an accountability-driven model featuring weekly code-alongs, group challenges, and one-on-one coaching, improving project completion and job readiness.
- Managed digital channels and co-developed content around programming, tech education, and career guidance for first-time developers. https://www.codenoobs.io/ | https://www.youtube.com/@code_noobs | https://www.facebook.com/groups/codenoobs

Founder & Web Developer | **DG Design & Dev**   *May 2024 - Present*

- Designed and developed a modern, custom agency website for DG Design & Dev.
- Built custom UI components to create a unique and engaging user experience.
- Prioritized SEO optimization, responsive design, accessibility, and performance for maximum reach and usability.
- Live App: dgdesignanddev.com

FREELANCE / CONTRACT

Saveria Tattoos & Fine Art   *Jan 2025 - Feb 2025*

- Designed and developed a modern, responsive portfolio website for a tattoo and fine artist.
- Showcased art galleries, services, and a contact form with a clean, minimalistic UI.
- Implemented optimized image galleries for high-quality artwork display and smooth user navigation.
- Integrated Firebase for fast, secure hosting and reliable performance.
- Ensured a mobile-first design and SEO optimization to boost online visibility and reach.
- Live App: saveriafineart.com

MiCard LLC   *Mar 2024 – Apr 2024*

- Built responsive UI and key features for a Next.js digital business card platform.
- Converted Figma designs into reusable React components with responsive layouts.
- Live App: micard.io

Cover Better   *May 2023 – Aug 2023*

- Co-built an AI-driven cover letter generator serving **20,000+ active users**.
- Built with React, Firebase, and OpenAI API.
- Implemented secure authentication using Firebase Auth and integrated Stripe API for seamless payment processing.
- Developed customization features for tone and creativity, enhancing user personalization and engagement.
- Live App: coverbetter.io

G. Cotter Enterprises, Inc.   *Mar 2024 – Present*

- Provided general technical support & feature development for the company's reporting platform.

Cert Reports Web App   *Oct 2022 – Dec 2023*

- Upgraded an outdated reporting system into a full-stack Django & PostgreSQL web application.
- Implemented secure authentication and version-controlled reporting to ensure data integrity.
- Generated custom report PDFs using Python ReportLab for streamlined document delivery.
- Delivered a solution meeting client requirements for security, data integrity, and scalability.

PROJECTS

Photos by DG   *Aug 2025 – Present*

- Designed and developed a modern, responsive photography portfolio site to showcase professional work and convert visitors into clients.
- Built with Next.js 15, TypeScript, and Tailwind CSS, leveraging App Router for scalable structure, Framer Motion for smooth animations, and Lucide React for icons.
- Implemented dynamic photo galleries to highlight multiple photography styles and projects, a services section with detailed offerings and pricing, and a contact/booking form for seamless client inquiries.
- Optimized for performance, accessibility, and responsive design across desktop, tablet, and mobile devices.
- Engineered a clean, component-based architecture that enables easy updates to galleries, services, and content—designed for future enhancements like an admin dashboard, testimonials carousel, and online booking integration.
- Live App: https://photos-by-dg.vercel.app/

Simpense   *July 2025 – Present*

- AI-powered web application for simple, effective expense tracking, designed initially for freelancers and small businesses.
- Developed Simpense to provide fast, intuitive expense tracking with multiple entry methods (OCR camera scanning, PDF/image uploads, manual entry).
- Engineered AI-driven receipt parsing with OpenAI API, automatically extracting and categorizing expense details.
- Built responsive frontend using Next.js, React, Tailwind CSS, and Shadcn/ui, ensuring seamless user experience across all devices.
- Implemented Firebase backend for real-time data synchronization, secure authentication, and cloud hosting.
- Integrated Stripe API for secure payment processing, subscription management, and handling free trial periods.
- Provided insightful dashboards and reports, enabling users to visualize spending trends and export expense summaries (monthly/yearly) in PDF or CSV formats.
- Ensured privacy and data security through robust backend rules and secure user authentication.
- Live App: https://simpense.com/

MotiBot   *June 2025 – Present*

- AI-powered fitness motivation app (originally created for hackathon submission).
- Developed MotiBot, a gamified web application that uses AI to generate personalized workout plans and motivate users to build positive fitness habits.
- Designed and built with Next.js, Supabase (Auth & DB), Tailwind CSS, and OpenAI API for dynamic workout generation and user engagement.
- Automated user trial management using GitHub Actions and Supabase Edge Functions, enabling seamless tracking and free trial termination.
- Integrated serverless architecture for scalable performance and real-time experience/level progression.
- Engineered engaging features, including customizable digital robot companions, unlockable achievements, and dynamic user stats.
- Integrated Stripe API for seamless payment processing and real-time status updates.
- Live App: https://www.motibot-fitness.com/

Easy Tasks   *Feb 2025 – Mar 2025*

- A modern, streamlined task manager designed to simplify your to-do list—organize tasks effortlessly, without the hassle.
- Designed and built Easy Tasks as a code-along project for CodeNoobs.
- Developed secure authentication and data management with Firebase (Auth and Firestore).
- Created an intuitive, minimalist, and responsive UI using Tailwind CSS and DaisyUI.
- Enabled users to create, edit, complete, and delete tasks seamlessly after signing in.
- Live App: https://easy-tasks-c9e9f.web.app/

Better Essay   *Oct 2024 - Nov 2024*

- Built and launched Better Essay, an AI-powered essay-writing platform using Next.js, Firebase, and OpenAI API.
- Developed secure authentication with Firebase Auth and integrated Stripe API for smooth payment processing.
- Designed an intuitive, responsive UI using Tailwind CSS and DaisyUI, enhancing user engagement.
- Implemented serverless functions to handle efficient background processing and improve scalability.

OTHER EXPERIENCE

Adjunct Professor of Philosophy   *2008 - 2025*

- Rider University - NJ, USA (2008 - 2025)
- Temple University - PA, USA (2013 - 2016)
- Camden County College - NJ, USA (2008 - 2013)
- Designed new courses to address gaps in curriculum to meet the needs of the program, students, and the institution.
- Designed and co-taught courses for the honors program in collaboration with colleagues from other programs and disciplines.
- Presented research at conferences in NJ, NC, and TX.
- Authored 2 chapters of "Introduction to Philosophy," (Openstax, 2022).
- Awarded *The Alternate Textbook Grant* (Temple University).

EDUCATION

- **Full Stack Software Engineering Bootcamp** | ***Nucamp***   *Mar 2022 - Dec 2022*
- **M.A., Texas Tech University**   *Aug 2006 - May 2008*
- **B.A., Washington College**   Sep 2001 - May 2005

MEDIA & CONTENT CREATION

Content Creation & Podcasts

- **Host & Producer:** [CodeNoobs Podcast](#) | [Existential Stoic Podcast](#)
- **YouTube Channels:** [CodeNoobs](#) | [Existential Stoic Podcast](#)

Photography & Digital Art

- **Specialties:** Bird, Landscape, Astro, Macro, Portrait Photography