

Daniel Garro

Full Stack Developer

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PROFILE

Experienced Freelance Full Stack Developer with a passion for JavaScript, Next.js, React, Tailwind CSS, Firebase, Python, Django, Bootstrap, and learning through creative problem solving. Creative thinker, hard worker, skilled communicator, and team-player ready to help your team achieve.

SKILLS

Advanced: JavaScript, React, Next.js, HTML, CSS, Bootstrap, Tailwind CSS, Firebase, Django, Python, SQL, VS Code, OOP, ORM, Github, Git, pip, npm

Familiar: Prompt Engineer, IIS, Node.js, Bash, MySQL, MongoDB, VirtualBox

Other: Affinity Photo, Affinity Designer, Affinity Publisher, Capture One, Figma, Insomnia, Postman, Canva, Microsoft ClipChamp, Audacity

SOFT SKILLS

Communication, Open-mindedness, Creativity, Problem Solving, Self-motivated, Emotional Intelligence, Teamwork, Patience, Time Management, Accountability, Adaptability, Quick Learner

EDUCATION

Full Stack Software Engineering Bootcamp - *Nucamp Online*

2022

MA - *Texas Tech University, Texas, USA*

2006 - 2008

BA - *Washington College, Maryland, USA*

2001 - 2005 | Graduated with Honors

EXPERIENCE

Owner, Full Stack Developer - *Better Essay, USA*

Oct 2024 - Present

- Designed and developed Better Essay, a full-stack web application leveraging Next.js, React, Tailwind CSS, Daisy UI, and Firebase to help users create high-quality, AI-generated essays.
- Integrated OpenAI API to enable seamless essay generation and Stripe API for secure payment processing.
- Architected user-friendly interfaces and interactive components, improving engagement and usability.
- Deployed advanced backend features with Firebase Functions, enhancing scalability and performance.
- Created a robust and secure authentication system with Firebase Auth, ensuring data integrity.
- Launched the app at <https://betteressay.app>, delivering a smarter, more efficient writing solution to users.

Owner, Web / Full Stack Developer - *DG Design & Dev, USA*

May 2024 - Present

- Founded and operate DG Design & Dev, a web development agency delivering custom web and full-stack solutions tailored to client needs.
- Provide end-to-end services, including design, development, support, maintenance, SEO optimization, and consultation.
- Designed and built the agency's website (<https://dqdesignanddev.com>) using Next.js, React, Tailwind CSS, Daisy UI, and Firebase.
- Collaborate closely with clients to translate business requirements into functional, user-friendly web applications.
- Deliver scalable and efficient solutions with a focus on modern web standards and responsive design.

Owner, Full Stack Developer - *Better Apps, USA*

April 2024 - Present

- Founded Better Apps, a platform offering AI-powered web applications to help users solve everyday problems efficiently.
- Designed and developed the platform to provide seamless access to a suite of apps, including Cover Better, Better Essay, Better Legal, and more.
- Built web applications using Next.js, React, Tailwind CSS, DaisyUI, Firebase, Stripe API, and OpenAI API, delivering scalable and user-friendly solutions.
- Focused on creating innovative tools that empower users to leverage AI for writing, legal documentation, and other practical needs.
- BetterApps.ai is under active development to serve as a centralized hub for AI-driven problem-solving.

Owner, Creator, Coach - *CodeNoobs: Programming for Career Changers, USA*

October 2023 - Present

- Founded CodeNoobs, a coaching and mentoring program designed to guide aspiring developers from beginner to full-stack proficiency.
- Built an engaging community with a private Facebook group, offering weekly livestreams, coding resources, and peer support.
- Developed and launched comprehensive programs, including the Web Dev Incubator, featuring custom learning plans, an accountability tracker, live coding demos, and code reviews.
- Created mini-courses, code-alongs, and personalized coaching sessions to support diverse learning needs.
- Empowered members to cultivate technical skills, build projects, and develop soft skills essential for career success in tech.
- Manage digital platforms and content, including <https://codenoobs.io>, https://www.youtube.com/@code_noobs, and <https://www.facebook.com/groups/codenoobs>, fostering a thriving online learning environment.

Web-App Developer (Freelance) - *MiCard LLC., USA*

March 2024 - April 2024

- Collaborated with MiWare to develop core components and screens for the MiCard app, a digital business card solution.
- Built and implemented front-end functionality using Next.js, React, Tailwind CSS, JavaScript, HTML, and Capacitor.
- Translated MiWare's Figma designs into pixel-perfect, responsive user interfaces, ensuring alignment with brand guidelines.
- Delivered key features, including media embedding and dynamic routing, to enhance user experience and app functionality.
- Contributed to the successful launch of MiCard, providing businesses with a seamless and innovative networking solution.
- Learn more at <https://micard.io>

Tech Support (Freelance) - *G. Cotter Enterprises, Inc., NJ, USA*

March 2024 - Present

- Provide ongoing technical support, troubleshooting network, hardware, software, and security issues to ensure seamless business operations.
- Design, develop, and deploy new features and updates for the Cert Reports web app, enhancing functionality and user experience.
- Collaborate with stakeholders to identify technical requirements and deliver tailored solutions that meet business needs.
- Maintain a proactive approach to problem-solving, optimizing system performance, and ensuring reliable application support.

Web-App Developer (Freelance) - *Cover Better, FL, USA*

May 2023 - August 2023

- Developed Cover Better, a web app enabling users to generate custom cover letters using their resume and job postings.
- Built the application with React, Tailwind CSS, JavaScript, Firebase, OpenAI API, and Stripe API, delivering a seamless user experience and secure payment integration.
- Engineered and tested prompts to ensure consistent, high-quality AI-generated results, addressing issues with output variability.
- Implemented adjustable settings for creativity, professionalism, and tone, enhancing customization and user satisfaction.
- Successfully resolved inconsistencies in AI-generated outputs by crafting robust prompt 'rules' and fine-tuning configurations.
- Learn more at <https://coverbetter.io>

Web-App Developer (Freelance) - *G. Cotter Enterprises, Inc., NJ, USA*

October 2022 - December 2023

- Designed, developed, and deployed a full-stack web application to replace an outdated reporting system, addressing security and data integrity concerns.
- Built the application using Python, Django, Bootstrap, HTML, CSS, jQuery, JavaScript, and PostgreSQL, creating a robust, secure, and scalable solution.
- Collaborated with stakeholders to define requirements, features, and functionality, ensuring alignment with business needs.
- Delivered a user-friendly interface with custom CSS and Bootstrap, enabling consistent styling and an intuitive user experience.
- Enhanced client-side functionality with JavaScript and jQuery, including dynamic form fields, responsive design, and improved UI/UX.
- Implemented industry-specific security measures, including modifications to Django's User model for improved password encryption and an auto-logout feature for inactivity.
- Designed a solution for version-controlled report editing, ensuring data integrity by creating new report objects for edits, with numbered revisions for traceability.
- Set up the production environment using PostgreSQL, Python, Git, and IIS, ensuring stability and performance.

OTHER WORK EXPERIENCE

Adjunct Assistant Professor

Rider University, NJ, USA - 2008 - 2023

Temple University, PA, USA - 2013 - 2016

Camden County College, NJ, USA - 2008 - 2013

- Designed and developed courses and content aligned with best practices to meet diverse program and student needs.
- Provided academic advising and mentoring to support student growth and success.
- Specialized in Logic, Ethics, Philosophy of Science, and Critical Thinking, fostering analytical and interpersonal skills in students.
- Awarded a grant through Temple University's Alternate Textbook Project, contributing to innovative and accessible learning materials.
- Authored Chapters 9 and 10 of Introduction to Philosophy for OpenStax, advancing the accessibility of philosophical education.

FOR FUN

CodeNoobs Podcast | YouTube channel (Host, Creator, Producer) - 2024 - Present

<https://codenoobs.buzzsprout.com> | https://www.youtube.com/@code_noobs

The Existential Stoic Podcast | YouTube channel (Host, Creator, Producer) - 2020 - Present

<https://existentialstoicpodcast.buzzsprout.com> | [The Existential Stoic Podcast - YouTube](#)

Photography (Landscape, Long-exposure, Astro, Macro, Portrait) - 2006 - Present