Dani J. Abouhamad

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Brooklyn, NY

Education

Northeastern University, Boston, MA   May 2023
Khoury College of Computer Sciences
Bachelor of Science in Computer Science and Music, with a concentration in Music Technology, May 2023
Relevant courses: Software Engineering, Algorithms and Data, Database Design, Foundations of Cybersecurity
GPA: 3.61/4.0

Technical Skills

Web Skills: JavaScript, TypeScript, React, HTML, CSS, Websockets, NextJs, NodeJs
Object Oriented skills: C++, Python, Java
Database skills: Firebase, MongoDB, SQL

Experience

Campfire Technologies, Boston, MA   January-June 2022
Full Stack Web Developer
• Engineered a customizable PDF and EPUB generator for user's personal book publications, integrating a user-friendly UI with backend development in Node.js.
• Developed and optimized reusable React components, including forms, tables, sidebars, and modals, to streamline development processes, ensure consistency, and maximize efficiency throughout the application.
• Revamped the React and JavaScript tech stack, aligning it with modern design principles and implementing cutting-edge patterns. Transformed the user interface, elevated the user experience, and facilitated effortless maintenance and scalability.

Svenfish, Concord, MA   January-June 2021
Web Development Co-op
• Constructed efficient applications for fish and cooler inventory management, integrating barcode scanning capabilities to streamline tracking and optimize inventory control processes.
• Collaborated with a team to perform routine Shopify maintenance on the live site, ensuring smooth operation, resolving issues, and implementing updates to enhance the platform's functionality and user experience.
• Strategically organized Firestore databases for both client-facing and operational purposes, enhancing data accessibility and facilitating efficient information retrieval for improved workflow and decision-making.

Projects:

Primabull.co – Ecommerce
• Orchestrated the end-to-end development of full-stack applications using React and Next.js, leveraging the powerful hosting capabilities of Vercel.
• Developed custom APIs to simulate a backend environment directly from the frontend, enhancing application functionality and enabling smooth data interactions between the user interface and external services.
• Oversaw the maintenance of Firestore databases, diligently tracking listings and orders, while leveraging Firebase for authentication and storage.

Leadership:

Astroidiot – Rock Band + Event Organizing
• Spearheaded the inception of the band, assuming the pivotal position of band leader. Guided and inspired the collective efforts to establish a cohesive musical ensemble, setting the direction and vision for the group.
• Take charge of show bookings and event creation, orchestrating the entire process from identifying suitable openers and reaching out to venues, to designing artistic flyers and cultivating a dedicated audience base.

Pi Kappa Phi – Fraternity Founding Member
• Organized and orchestrated a series of highly effective philanthropic events, raising funds for The Ability Experience
• Successfully coordinated and conducted meetings with national fraternity executives to gain approval and legitimacy for chartering our chapter.