Dani J. Abouhamad

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23 Iroquois Street, Boston, MA | 143 Tappan Street, Brookline MA
Available: August 2023

Education

Northeastern University, Boston, MA   September 2018-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: Algorithms and Data, Database Design, Discrete Structures, Computer Music Fundamentals, Foundations of Cybersecurity
GPA: 3.61/4.0
Activities: Founding member of Pi Kappa Phi Northeastern chapter, Founding member of a rock band

Technical Skills

Proficient skills: JavaScript, TypeScript, React, HTML, CSS, Websockets, NextJs, NodeJs, Firebase
Familiar skills: MongoDB, C++, Python, Java, SQL

Experience

Campfire Technologies, Boston, MA   January-June 2022
Full Stack Web Developer
• Developed and optimized reusable React components, including forms, tables, sidebars, and modals, to streamline development processes, ensure consistency, and maximize efficiency throughout the application.
• Engineered a customizable PDF and EPUB generator for user's personal book publications, integrating a user-friendly UI with backend development in Node.js. Generated and seamlessly delivered files to empower authors with personalized publishing capabilities.
• 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. Employed modern web development practices to deliver robust and performant solutions.
• 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. Ensured the reliable and secure management of data for seamless user experiences and streamlined operations.

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. Skillfully curate live shows to maximize impact and create memorable experiences.