Cory Campbell
FULL STACK SOFTWARE ENGINEER

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Results-driven Software Engineer with a strong academic foundation in full-stack development and a passion for coding. A quick learner with a strong problem-solving mindset and a dedication to staying current with industry trends and best practices.

Technical Skills: JavaScript **|** Python **|** JSX **|** Flask **|** React **|** Redux **|** Express **|** SQL **|** SQLite3 **|** SQLAlchemy **|** AWS **|** Git **|** Node.js

Relevant Skills: Data Analysis **|** Client Management **|** Customer Service **|** Audio Engineering **|** Talent Management **|** Digital Art **|** Adobe Photoshop **|** Adobe Illustrator **|** Blender **|** DaVinci Resolve **|** Fl Studio **|** Game Development **|** World Building **|** Unity

PROJECT EXPERIENCE

MATHQUEST | JavaScript **|** React **|** Redux **|** SQLAlchemy **|** Render   [Github](#) \\ [Live](#)

- Developed custom JavaScript functions to dynamically generate random math problems, ensuring a diverse and challenging experience for users interacting with the application.
- Utilized React for building a responsive and interactive user interface, seamlessly integrating with Redux for efficient state management and ensuring a smooth, real-time updating experience for users as they progress through their math problem-solving adventures.
- Designed and implemented the database architecture using SQLAlchemy, ensuring optimal performance and data integrity. Created efficient database schemas to store user profiles, character progression data, and math problem records, contributing to a robust and scalable full-stack application.
- Incorporated Local Storage functionality to persistently store user data locally, providing a seamless and personalized experience across sessions. Enabled users to resume their adventure progression even after closing and reopening the application.
- Conducted wireframing sessions to conceptualize and plan the application's user interface, focusing on user experience optimization
- Successfully deployed the full-stack application using industry best practices, optimizing rendering performance for enhanced user experience.

LEGOLAS | Python **|** PostgreSQL **|** Flask **|** Git   [Github](#) \\ [Live](#)

- Utilized BCrypt Hashing Function for custom user authentication on the backend and integrated React Auth Routes on the frontend to ensure security of user passwords by avoiding the storage of plain texts and restricting access to user-specific data and features.
- Implemented a robust backend database using PostgreSQL, enabling users to effortlessly monitor and manage their individualized portfolio of stocks with precision and efficiency.
- Developed and Integrated a dynamic watchlist feature using custom Flask backend code, empowering seamless storage and retrieval of user-specific data for an enhanced and personalized experience.
- Led a cross-functional team of 4 members in the completion of required project features, demonstrating strong leadership skills, effective communication, and the ability to coordinate and assign tasks leading to the success of meeting project milestones.
- Spearheaded a Git feature branching strategy to facilitate collaborative development and maintain a clean, organized codebase, and ensure a streamlined and efficient workflow for the development team.

WORK EXPERIENCE

PURPLE OCEAN ENTERTAINMENT | *Lead Audio Engineer and Founder* **|** Weatherford, TX   **January 2016 – Present**

- Led recording sessions with precision, capturing high-quality audio tracks for diverse projects, ranging from music albums to single voiceover projects, ensuring optimal sound clarity and fidelity.
- Applied advanced mixing techniques using industry-standard software, such as FL Studio and Pro Tools, to create balanced and polished audio mixes that met client specifications.
  Executed meticulous editing and post-production processes to enhance audio recordings, addressing issues such as noise reduction, equalization, and dynamic range compression for superior quality.
- Coordinated and managed recording sessions, overseeing technical aspects such as microphone placement, signal flow, and session setup to guarantee optimal recording conditions.
- Displayed effective communication with clients throughout the mixing and mastering process, incorporating feedback and revisions to deliver a product that exceeded expectations.
- Managed metadata tagging and keyword optimization for improved searchability and discoverability of music content on streaming services.
- Spearheaded the creation of captivating artwork for single releases, employing graphic design skills to produce visually compelling and on-brand imagery that enhanced the overall presentation of the music.
- Orchestrated the end-to-end process of music distribution, overseeing the seamless uploading of single songs to various platforms such as Spotify, Apple Music, Pandora, Tidal, and similar sites.

GAMESTOP | *Evening Store Manager* **|** Weatherford, TX   **February 2022 – April 2023**

- Efficiently closed the GameStop store, ensuring all cash registers were balanced, inventory counts completed, merchandise restocking finished, and that security protocols were followed.
- Streamlined the closing processes with coworkers, resulting in increased efficiency and reduced closing times.
- Assisted in training new staff members on closing procedures, contributing to a well-trained and cohesive team.

WATERMARK POOL SERVICES | *Pool Technician* **|** Hudson Oaks, TX   **March 2016 – February 2022**

- Executed 60-75 weekly scheduled cleaning procedures for pool surfaces, filters, and skimmers, contributing to a clean and well-maintained swimming environment.
- Diagnosed and resolved equipment malfunctions promptly, such as pumps, heaters, and filters, minimizing downtime and ensuring uninterrupted pool operations.
- Generated and submitted weekly service reports to document completed tasks, ensuring transparency and accountability.

EDUCATION

App Academy ** Full Stack Web Development   **Completed 12/2023

- Engaged in a structured and comprehensive coding curriculum covering key programming languages, algorithms, data structures, and frameworks to build a strong foundation in software development.
- Actively participated in hands-on, project-based learning, applying theoretical knowledge to real-world scenarios and gaining practical experience in solving coding challenges commonly encountered in the industry.
- Acquired skills in identifying and resolving bugs, debugging code efficiently, and optimizing performance to ensure the production of high-quality software applications.
- Developed communication and teamwork skills through regular interactions with instructors and fellow students, fostering a supportive and collaborative learning environment.