Andrew Chan

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SKILLS

Javascript, React, Redux, HTML, CSS, Sequelize, PostgreSQL, SQLAlchemy, GIT, Github, REST APIs, Python, Express, Flask, Jest, Cypress, Node.js, Tailwind CSS

EXPERIENCE

Web/Frontend Developer   January 2024 - Present
- Utilized React and frontend frameworks to create a feature-rich, aesthetically pleasing, and responsive personal/business website, collaborating closely with a web designer and client to ensure an optimal user experience across various devices and screen sizes.
- Utilized Git and GitHub for version control, ensuring seamless collaboration and code management with branching strategies and pull requests.
- Integrated Google Analytics for in-depth traffic insights and employed Formspree.io for efficient client communication.

Physical Therapy Aide - *DynamX Physical Therapy*   December 2019 - April 2023
- Provided direct support to patients by assisting with exercises, mobility, and transfers, ensuring their safety and comfort during therapy sessions.
- Maintained accurate records of patient progress, exercise logs, and treatment notes, ensuring thorough and organized documentation.
- Collaborated effectively with physical therapists, and other healthcare professionals, and communicated patient updates and progress.

PROJECTS

Helen Huynh Fitness - *A personal training/nutrition site, utilizing React and TailwindCSS*   Live Site | Github
Technologies: JavaScript, React.js, HTML5, CSS, GIT, TailwindCSS, Figma, Vite, Formspree.io
- Collaborated with a UI/UX designer to transform pixel-perfect Figma designs into a fully responsive React/Tailwind application, ensuring a seamless and visually appealing user experience across all devices.
- Integrated Google Analytics and implemented SEO optimization strategies, increasing site traffic by 30% and improving search engine rankings by 15%, resulting in higher engagement and more client inquiries.
- Implemented Formspree.io for streamlined contact form submissions, simplifying the process for users to get in touch and improving overall user interaction with the site.

StickKarter - *A full-stack clone of KickStarter, a crowdfunding site.*   Live Site | Github
Technologies: JavaScript, React.js, Redux.js, HTML5, CSS, GIT, PostgreSQL, Flask, SQLAlchemy, WTForms, Python, AWS S3, REST APIs
- Developed a robust backend system, with Flask and SQLAlchemy that empowered authenticated users to create, read, update, and delete projects and rewards, enhancing the platform's versatility and user interaction capabilities.
- Improved database query performance and reduced server load by efficiently retrieving user-related information, such as backed projects, resulting in a more responsive and scalable application.
- Enabled authenticated users to upload project banner images directly to AWS S3 storage, improving project customization and user experience.

BallBnB - *A full-stack clone of AirBnb, a location-based hosting site.*   Live Site | Github
Technologies: JavaScript, React, Redux, CSS, HTML5, GIT, Sequelize, PostgreSQL, Express, AWS S3, Google Maps API, REST APIs
- Provided a secure and efficient backend infrastructure with Express.js that allowed authenticated users to create, read, update, and delete spots and bookings, enhancing functionality and user experience.
- Empowered users to set specific locations, with latitude and longitude, for their spots, and displaying it with Google Maps API enhancing the accuracy and user-friendliness for both creators and consumers.
- Implemented a backend search feature that allowed users to find spots easily by specifying city, state, and country criteria, enhancing usability and enabling efficient spot discovery regardless of the user's search preferences.

EDUCATION

University of California, Riverside - *Bachelor of Science in Biology - 3.4 GPA*   September 2014 - June 2018
Relevant Coursework: Intro to Computer Science, Effective Use of World Wide Web, Intro to Genomics and Bioinformatics
App Academy   April 2023 - September 2023
Rigorous 24-week, 1000+hours software development course with < 3% acceptance rate. Topics include Full-Stack web development, Algorithms, OOP, Restful API, version control management.