OLIVER LISTER

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PROJECTS

MODA-BEYOND E-COMMERCE STORE | Live Page | Github Code
HTML, CSS, TypeScript, React.js, Node.js, Express.js, MongoDB, Redux Toolkit, Stripe, Mantine, Vitest, React Testing Library

- Developed robust authentication logic from scratch utilising JWT access tokens, coupled with database sessions and refresh tokens, to seamlessly persist user state across hard refreshes.
- Constructed a user-friendly search and sort capability for the shop, facilitating efficient product discovery.
- Engineered CRUD endpoints to efficiently manage product listings, user accounts, and authentication processes within the MongoDB database.
- Adhered to Test-Driven Development (TDD) principles by conducting rigorous unit and integration tests using React Testing Library and Vitest. This approach ensured expected outcomes were validated across various stages of the user experience.
- Demonstrated intelligent cart functionality, and utilised Stripe Checkout API to handle payments.
- Implemented protected account routes, allowing authenticated customers to review, edit or delete their account.
- Built a custom CMS allowing inventory management through product creation, editing, and removal functionalities.
- Leveraged the Mantine component library to deliver visually appealing and responsive user interfaces.

PORTFOLIO WEBSITE | Live Page | Github Code
HTML, CSS, TypeScript, React.js, Next.js, Tailwind CSS, Jest, React Testing Library, Supabase

- Engineered a Single Page Application (SPA) utilising the Next.js App router, ensuring efficient navigation and seamless user experience.
- Designed a comprehensive blog system using Markdown, supporting easy content creation and management.
- Styled the website with Tailwind CSS, creating a modern, responsive and visually appealing layout.
- Implemented an accessible contact form using the react-hook-form and Yup validation libraries.

EDUCATION

COURSERA   Sydney, NSW
Meta Front-End Developer Professional Certificate   Oct 2023-Jan 2024

AUSTRALIAN INSTITUTE OF MUSIC   Sydney, NSW
Bachelor of Music (Audio)   May 2017-Dec 2019

EXPERIENCE

SQUEAK E. CLEAN STUDIOS   Sydney, NSW
Music & Audio-Post Producer / WordPress Web Developer   May 2021-Present

- Led the redesign and rebuild of the company website using WordPress FSE, creating a child theme of Frost along with bespoke post types and taxonomies to precisely meet business requirements.
- Created custom Gutenberg block plugins using React and PHP to query the SQL database, enabling dynamic and tailored content management solutions for the website.
- Orchestrated end-to-end management of music and sound projects, from initial briefing to final delivery, overseeing bookings, accounts, and coordination of composers and engineers.
- Spearheaded the seamless migration from legacy FileMaker reporting software to a streamlined and intuitive UI platform on Monday.com, enhancing team productivity and project management efficiency.

LANGUAGES & TECHNOLOGIES

Languages: HTML, CSS, JavaScript, TypeScript, PHP
Frameworks and Tools: React.js, Next.js, Node.js, Express.js Redux Toolkit, Zustand, Stripe, React Testing Library, Jest, Vitest, TailwindCSS, Mantine, Git / GitHub, WordPress
Databases: MongoDB, Postgres SQL, Supabase