

# OLIVER LISTER

Sydney NSW, Australia • [oliverlister98@gmail.com](mailto:oliverlister98@gmail.com) • 0410 042 611  
[oliverlister.dev](https://oliverlister.dev) • [github.com/oliver-lister](https://github.com/oliver-lister) • [linkedin.com/in/oliver-lister](https://linkedin.com/in/oliver-lister)

## PROJECTS

---

### MODA-BEYOND E-COMMERCE STORE | [Live Page](#) | [Github Code](#)

TypeScript, React.js, Express.js, MongoDB, Mongoose, Redux TK & RTK Query, Stripe, Mantine, Vitest, React Testing Library

- Developed robust authentication system leveraging JWTs securely stored in HTTP-only cookies, with middleware to seamlessly refresh tokens via database sessions when users access authorised routes.
- Designed an advanced, user-friendly filtering and search system using MongoDB Full-Text Search and aggregation pipelines, with state stored in searchParams, allowing users to efficiently refine product discovery by sorting, filtering by price, and other attributes while enabling URL sharing and navigation continuity.
- Engineered RESTful CRUD endpoints in Express.js to efficiently access and manipulate product listings, user accounts, and authentication data in the MongoDB database.
- Followed Test-Driven Development (TDD) best practices, executing comprehensive unit and integration tests with React Testing Library and Vitest, while simulating HTTP requests using the MSW package.
- Implemented intelligent cart functionality with seamless integration of the Stripe Checkout API for secure and efficient payment processing.
- Built a custom CMS allowing inventory management through product creation, editing, and removal features.

### PORTFOLIO WEBSITE | [Live Page](#) | [Github Code](#)

TypeScript, Next.js, Tailwind CSS, Vitest, React Testing Library, Zod, Zustand, ZSA, MDX, Axios, Supabase, Cloudflare R2, Vercel

- Developed a custom CMS markdown blog using MDX, with metadata efficiently stored in Supabase.
- Leveraged the AWS SDK S3 client to generate presigned URLs, enabling direct image uploads to a Cloudflare R2 bucket, bypassing the server for improved performance and security.
- Implemented secure server actions with the ZSA library, utilising Zod validation and nested procedures.
- Integrated Supabase Auth for GitHub login, persisting user state globally with Zustand and synchronising authentication sessions using Next.js middleware.

## EDUCATION

---

### COURSERA

Meta Front-End Developer Professional Certificate

Sydney, NSW  
Oct 2023-Jan 2024

### AUSTRALIAN INSTITUTE OF MUSIC

Bachelor of Music (Audio)

Sydney, NSW  
May 2017-Dec 2019

## EXPERIENCE

---

### SQUEAK E. CLEAN STUDIOS

Music & Audio-Post Producer / WordPress Web Developer

Sydney, NSW  
May 2021-Present

- Redesigned and rebuilt the company website following input from the business's partners, using WordPress FSE.
- Developed a custom child theme of Frost and created bespoke post types and taxonomies to meet the specific content requirements.
- Created custom Gutenberg block plugins using React.js 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.

## LANGUAGES & TECHNOLOGIES

---

**Languages:** HTML, CSS, JavaScript, TypeScript, PHP

**Frameworks and Tools:** React.js, Next.js, Node.js, Express.js, Redux Toolkit & RTK Query, Zustand, Stripe, React Testing Library, Jest, Vitest, TailwindCSS, Mantine, Git / GitHub, WordPress, Cloudflare, AWS-SDK, MDX, Axios, Zod, Figma

**Databases:** MongoDB, PostgreSQL, Supabase