

# OLIVER LISTER

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## PROFESSIONAL EXPERIENCE

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### SQUEAK E. CLEAN STUDIOS

*Creative Project Manager / Web Developer*

Sydney, NSW

May 2021-Present

- Managed end-to-end music and audio-post projects from briefing to delivery, overseeing creative, logistics, contracts, and team coordination within scope, time, and budget.
- Led the redesign and development of the company website using WordPress, delivering a fully functional MVP to partners within 4 weeks despite managing a full-time workload.
- Reduced mobile homepage load time by 75% while preserving the video hero section.
- Developed WordPress plugins to create custom Gutenberg blocks using React, SASS, and PHP.
- Integrated 12 taxonomies to organise custom post types, improving user experience and content discoverability.

## PROJECTS

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### 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 filtering and search system using MongoDB Full-Text Search and efficient aggregation pipelines, with state stored in searchParams enabling URL sharing and navigation continuity.
- Implemented intelligent cart functionality, allowing seamless interaction between logged-in and anonymous carts, with integration of the third-party Stripe Checkout API for secure payment processing.
- Engineered RESTful CRUD endpoints in Express.js to manipulate product listings, user accounts, and authentication data, and built a custom CMS for admins to effectively conduct inventory management.
- 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.

### 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 pre-signed URLs, enabling direct image uploads to a Cloudflare R2 bucket with data integrity verification, bypassing the server for improved performance.
- Implemented secure Next.js 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

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### COURSERA

*Meta Front-End Developer Professional Certificate*

Sydney, NSW

Oct 2023-Jan 2024

- Completed coursework in responsive web design with HTML, CSS, JavaScript, React, and GitHub version control.

### AUSTRALIAN INSTITUTE OF MUSIC

*Bachelor of Music (Audio)*

Sydney, NSW

May 2017-Dec 2019

- Maintained a distinction average across all units, achieving a 96% on the final music portfolio, and was invited to advise the institute on future student programs and alumni pathways.

## SKILLS

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**LANGUAGES:** HTML, CSS, JavaScript, TypeScript, SQL, PHP

**FRAMEWORKS & TOOLS:** React, Next.js, Node.js, Express.js, AWS, Cloudflare, GraphQL, Docker, Redux, Zustand, Jest, Vitest, React Testing Library, Git, Github, Axios, TailwindCSS, SASS, Figma, WordPress, Stripe, Zod, Yup

**DATABASES:** MongoDB, PostgreSQL, Supabase