

# Daniel Moderiano

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## Skills

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- **Frontend:** HTML, CSS, JavaScript, TypeScript, React, Styled Components, Tailwind, Webpack
- **Backend & Tools:** Node.js, Express, Git, Jest, AWS, Firebase, MongoDB, REST APIs

## Projects

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### OptomRx

*React, Styled Components, Firebase*

[View code](#) | [Live preview](#)

A web app for Australian optometrists to create and manage therapeutic prescriptions online.

- Combined custom designed React frontend with Firebase backend for database, authentication and hosting
- Integrated Google Places API for address autocomplete to streamline prescription writing process
- Followed best-practice UI/UX principles to reduce the number of prescription form fields by 60% from initial designs
- Referenced WCAG documentation to aim for an AA level of accessibility or higher app-wide

### Odinbook

*React, Tailwind, Node.js, Express, MongoDB, Jest, AWS*

[View code](#) | [Live preview](#)

A social media website that lets you create profiles, make posts and comments, and grow your friend network.

- Built a full stack MERN application with REST API backend and session-based authentication system
- Deployed on an EC2 instance in a custom VPC, using a NGINX server, with Route 53 for DNS management
- Applied test-driven development principles using Jest for unit testing on the frontend and backend

### ProLog (error tracking tool)

*React, TypeScript, Next.js, Styled Components, Storybook, Cypress*

[View code](#) | [Live preview](#)

Built features and fixed bugs in the ProLog codebase as part of the React Job Simulator program.

- Used advanced workflow with ESLint, Prettier, TypeScript, Husky, CI with GitHub Actions, and Trunk-Based Development with Pull Requests as Git workflow
- Fixed bugs in existing code and implement new features based on Kanban tasks and Figma designs
- Discussed and improved code after code reviews by senior developer

## Professional Experience

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### Optometrist

**Feb 2018 – Present**

*OPSM & Specsavers*

*Adelaide, SA*

- Communicate complex disease processes comfortably with patients of all ages and backgrounds
- Systematically evaluate patient presentation and history to perform evidence-based diagnosis and management

## Education

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### Flinders University

Bachelor of Medical Science (Vision Science)/Master of Optometry

**2018**

*Adelaide, SA*