

Andrew Karvelis

Software Developer based in Sydney, Australia

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Introduction

Software developer with experience in multiple technologies and building responsive, multi-platform web applications

Technical Skills

Main Technologies: HTML5, CSS3 (BEM), TypeScript, JavaScript ES6+, React, Redux

Frameworks: MaterialUI, Tailwindcss, Firebase, React Native

Other: GitHub, Git, Stripe, Prisma, React Hooks, CI/CD, Package Managers (NPM, Yarn), Webpack, Rest APIs

Professional Experience

Frontend Simplified

Sydney, AU | 2023 (Nov) – Present

Frontend Developer

- Creating responsive, performant, and multi-platform web applications using HTML, CSS, JavaScript and React
- Transformed completely static, single page application into an interactive user experience using animations, transitions and carousels
- Processed API requests with Axios to dynamically represent data from a cloud server and represented it through skeleton loading states, pagination and dynamic routing
- Utilised Git version control and the GitHub interface to work and thrive in a virtual collaborative team environment
- Hosted full-stack applications on Vercel for easy CI/CD Management and 99.9% uptime
- Included responsive, multi-platform and hosting support, enabling websites to be used by any browser or device
- Initiated code reviews for constructive feedback and error fixes

Projects (personal)

E-Portfolio:

- A single page portfolio website where I showcase my strongest projects using HTML, CSS, and JavaScript, highlighting my skills in responsive design, interactive user interfaces, and modern web development practices
- Each project is accompanied by detailed descriptions, source code links and live demos, demonstrating my proficiency in frontend technologies and my ability to deliver functional and aesthetically pleasing web applications

Summarist Online Library:

- An online library for self-help books where users can search for books, add selected books to their personal library, visit book pages to read concise summaries, and listen to audiobooks
- The application dynamically loads book data using Axios and saves user-selected books with Firebase for authentication and information storage. It also incorporates the Stripe payment method for handling monthly and yearly subscription plans
- To enhance the user experience, skeleton loading states are implemented, ensuring a smooth and visually appealing interface while content is being fetched

NFT Marketplace:

- Utilised axios to dynamically load NFT data from the backend, for seamless integration and real time updates
- Implemented skeleton loading states to enhance the user experience while data is being fetched, providing a visually appealing placeholder
- Integrated lazy loading for NFT images to optimise performance by loading these images as they enter the viewport
- Employed Owl Carousel to display NFT data in a way that users can interact with in an engaging way

AMDB (Andrew Movie Database):

- Utilized Axios to dynamically fetch movie data from the backend, ensuring users receive up-to-date information based on their search queries.
- Implemented a robust search feature that allows users to easily find movies by title, genre, or other criteria.
- Enabled users to save their favorite movies to a personalized watchlist, allowing easy access to their preferred films

Education

Frontend Developer, 2024: Frontend Developer Award

St George Tafe, 2020-2021: Certificate IV in Computer Programming

Academy of Interactive Entertainment: Advanced Diploma in Professional Game Development (2020), Diploma of Screen and Media (2019)

Online Certifications: Frontend Simplified (Frontend Developer),

Other

Interests: coding, gaming, game development, music, puzzles, gym

Awards: Supabarn (supermarket) Customer Service Champion of the week (x2)

Referees: Provided upon request