

Caolan Fanning | Software Engineer | Toronto, ON, Canada.

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Digigrow LTD. Sep 2021 - Feb 2023 (Dublin, Ireland) - Full Stack Software Engineer

- Fast paced agency working with a wide range of clients building both Ecommerce web applications and single page applications.
- Expertly used with ReactJS, CSS and Redux state management.
- Worked on fully fledged E-commerce web applications using the MERN stack.
- Worked on applications both individually and as a part of a team.
- Expertise in debugging on the Front End using Google Dev Tools and on the Back End using VSCode debugging tools.
- Collaborated with other engineers and with the UX designer (Figma) developing and providing effective, intuitive and elegant web applications within strict deadlines.
- Worked to implement 3rd party APIs with NodeJS and Express such as Stripe Payments API. Developed NodeJS servers to interact with the Front End of applications using HTTP requests (fetch).
- Developed scalable database Models for customers and products using MongoDB and Mongoose and saved them to the cloud using asynchronous calls.
- Built a Fitness Mobile Application as part of a team using React Native, Redux, NodeJS, Express and MongoDB.
- Built custom WordPress e-commerce applications, using jQuery to adapt plugins to project specifications.

Viral Nation May 2023 - December 2023 - Frontend Engineer

- Contributed to a specialized Front-end architecture and UX/UI team, working with engineers on aligned tasks.
- Leveraged technologies like Apollo GraphQL, ReactJS, Material UI, and TypeScript to advance project development.
- Gained experience in a multidisciplinary team of DevOps, Backend, and AI professionals, optimizing API calls for Apollo and REST APIs, including OpenAI's API.
- Refactored applications to follow ReactJS best practices and SOLID principles.
- Managed the migration from Redux to GraphQL state management, utilizing cache and reactive variables for seamless UI updates.
- Led efforts to update outdated technologies and packages, including Material UI and GraphQL, ensuring smooth transitions and error handling.
- Awarded by the Head of Engineering for outstanding contributions and achievements.

Viral Nation May 2023 - December 2023 - Intermediate Engineer

- Selected to build the V2 application, migrating from React to SvelteKit and handling both Backend and Frontend tasks.
- Developed a robust, CSS-first, no-JavaScript application, using web standards and MDN documentation.
- Used server side rendering to fetch data and aggregate data before returning to the user.
- Collaborated closely with the UX/UI team using software such as Storybook and Chromatic to build an in-house component library ensuring compliance with WCAG 2.2 accessibility standards.
- Using Vitest to mock functions used both for sign-in , data fetch and data manipulation to prevent application regressions and text expected outcomes.

Hobbies and Interests

Running, Gym, Sports, Music, Gaming.

Skills

HTML, CSS, JavaScript, SASS, MaterialUI, Bootstrap, TailwindCSS, NodeJS, ExpressJS, MongoDB, ReactJS, React Native, Svelte, SvelteKit, GraphQL, GIT

