Arpit Dalal

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Summary of Qualifications

- Accomplished full-stack web developer with 6+ years of practical involvement in working with React, Redux, JavaScript, Typescript, Node.js, REST and GraphQL APIs, and MongoDB.
- Actively engaged in the development of scalable and responsive full-stack applications using technologies such as Typescript, Next.js, React, Apollo, Styled-components, and TailwindCSS.
- Established track record in constructing robust APIs with Express.js and GraphQL with Apollo.
- Applied agile principles to develop fast and secure software within a team environment.

Professional Experience

Web Developer Product Specialist - *Points, ON*   Aug 2021 – Present

Develop production-ready storefronts for millions of users, collaborating with multiple stakeholders to formulate comprehensive plans for product development, testing, and launch.

Above and Beyond Achievements:

- **BugHerd automation tool:**
  - Engineered a tool automating BugHerd board creation, optimizing with preset columns and tags, resulting in **hundreds of hours** saved per year.
  - Utilized **Express.js** to build an API and developed a **React** frontend for an interactive UI.
- **Multi-Tenant Testing Framework:**
  - Developed an automated testing framework that conducts multiple end-to-end tests on major browsers, instilling team confidence and reducing **thousands of hours** annually.
  - Used **Remix** and **React** for the web application and **Playwright** for automated tests.

Web Developer - *Redding Designs, ON*   Aug 2020 – July 2021

Work collaboratively with clients and in-house teams to provide fast, secure, responsive and client-acclaimed full-stack web applications for user-optimized experiences.

Above and Beyond Achievements:

- **Product visualizer and customizer:**
  - Engineered a visual builder with **React** and **Zustand** for a **WordPress-powered** e-commerce, enhancing product customization and boosting sales by **45%**.

Full Stack Web Developer - *Revolution Media, PE*   July 2019 – Apr 2020

Create robust full-stack web solutions tailored to client needs, leveraging the most suitable technology stack for optimal performance and accessibility.

Above and Beyond Achievements:

- **ADL Search algorithm:**
  - Built a search algorithm using **Node.js**, **React** and **Typescript** to provide results in **sub-milliseconds** from a vast products database; that also automated personalized favorite list based on user search behavior, which in-turn increased sales by **65%**.

Full Stack Developer - *Big Surge, PE*   Feb 2019 – June 2019

Collaborate within a dynamic team, contributing to multiple codebases in a fast-paced startup. Utilize **React.js**, **Next.js**, **Redux**, and **TypeScript** to craft highly responsive user interfaces.

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- **Codebase migration:**
  - Played a **key role** in migrating multiple codebases from React.js **class-based components** to **hooks**, implementing **memorization** strategies to enhance **application speed**.

Junior Developer - *Auberon, ON* Feb 2017 – May 2018

Gained valuable experience and proficiency in HTML, CSS, React.js, JavaScript, and Node.js, contributing actively to projects and accelerating learning curve.

Above and Beyond Achievements:

- **Testing suite:**
  - Implemented a comprehensive **automated testing suite** using **enzyme** and **react-shallow rendering** for a critical project, significantly **reducing bugs** and enhancing overall product stability, demonstrating a **commitment to excellence** and continuous improvement beyond typical expectations for a junior developer.

Projects

X Man (Expense Manager)

Designed and implemented a full-stack application using **Remix**, **React**, and **SQLite**, entirely built with **Typescript**. Utilized **TailwindCSS** for styling and **Git** along with **GitHub** for version control.

Project Highlights:

- Developed a robust **authentication** flow with browser **cookies**, **sessions**, and **SQLite** database.
- Implemented **automated testing** strategies, utilizing **Playwright** for end-to-end tests and **Vitest** for unit and integration tests, fostering codebase confidence.
- Implemented **internationalization** of currency and date format using the **date-fns** library.
- Developed a **dynamic dashboard** featuring **interactive charts** to showcase diverse data.

Education

Internet Application and Web Development – Advanced Diploma **Jan 2017 – Apr 2018**
Fanshawe college, London, Ontario

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