Daniel Stuart, Web Developer

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Summary

My passion for web development is fueled by the satisfaction of learning something new through solving problems. I aim to create clean, powerful functions and always try to keep it simple. As a person who loves to be challenged, I look forward to applying my diverse experiences to new projects and endeavors.

Relevant Skills

- Willingness to learn, critical thinking, attitude, adaptability, and empathy.
- Javascript, ReactJS, TypeScript, Next.js, Node.js, GraphQL, Redux, AWS, Python 3, CSS, Tailwind CSS, Styled Components, SCSS, Flexbox, CSS Grid, HTML5, Git, SQL Databases, Redis, UML.
- Design Tools: Visual Studio Code, GitHub, Heroku, Figma, AdobeXD.

Projects

- **BLTN:** A web based Law Enforcement tool that utilizes NextJS, SCSS, Redux Toolkit, RTK Query, Flexbox, CSS Grid, Animations, media queries, custom forms, responsive images, and a range of front end development techniques. https://www.bltnapp.com
- **StudentVax:** An online vaccination clinic used by medical personnel to vaccinate patients for Covid19. Built with ReactJS, JSX, CSS, SCSS, and Python. Site layout with CSS Grid and Flexbox. Includes user authentication and CRUD functionality via API's and AXIOS. Over 18,000 patients vaccinated! https://62deff25dbe350153e804c77--singular-raindrop-5b6813.netlify.app/
- **Couchtour.tv:** An online concert streaming website, built with ReactJS, SCSS, and Node.js. Authentication using AWS Cognito, and database management using AWS Appsync, graphQL and DynamoDb. Still in development. No link available to the public.

Work Experience

- **Frontend Software Engineer**
  at Multitude Insights Inc from Sept 2022 - Jan 2024

  Throughout my time at Multitude Insights, my journey can be divided into two clear phases: one dedicated to web development and the other to mobile app development, with minor intersections between the two domains.

  Web: I successfully transformed design concepts into interactive web applications using the Next.js framework and RTK Query for efficient API state management. My responsibilities included coding responsive user interfaces, implementing complex features, and actively contributing to the planning of future features. This experience honed my ability to deliver visually appealing, functional solutions within tight deadlines.

  Mobile: Within 6 months at Multitude Insights, we hired a mobile development team to create a mobile app for our project. They ended up falling short on key features, so we let them go. Recognizing the opportunity, I volunteered to take over the project. After addressing many bugs, and completing the remaining features, I successfully brought the app to market, launching it on Google Play Store (Android) and App Store (iOS).

- **Full Stack Engineer**
  at Couchtour.tv from Dec 2021 - Present

  After leaving Empirically Dev, the Couchtour.tv team wanted to keep me as I was a valuable asset to their team. I quickly learned how to code in Node.js and create AWS lambda functions to keep up with the project's backend needs.

- **Lead Frontend Developer**
  at EmpiricallyDev from Oct 2020 - Dec 2021

  My first software development team consisted of myself and one other individual. I learned quickly how to manage projects with overlapping deadlines and to meet the competing needs from clients. There were three main projects - an online pharmacy, an online vaccination clinic, and an online concert streaming service. For the concert streaming service, I created the backend using GraphQL, AWS Appsync, and DynamoDB, along with all the frontend code utilizing ReactJS and SCSS. The pharmacy site codebase had already been written by another developer using ReactJS, and I added a few new features per request from the client. The online vaccination clinic was already designed in Figma and I was hired to build it in ReactJS and SCSS.

- **Interior Firefighter**
  at Williamsburg Fire Dept from July 2021 - present

  As a software developer, many hours are spent in front of a computer screen with little human interaction. To create balance in my life, I decided to join the volunteer fire department here in Williamsburg. Saving people's lives and helping my community in any way I can has quickly become a way of life.

Education

Bottega University
Dec 2019-Aug 2020
Manchester Community College (three semesters)
Aug 2005- Dec 2006
At MCC I studied accounting, business, entrepreneurship, astronomy, and Adobe Photoshop.
University of Vermont (two semesters)
Aug 2004 - May 2005
I studied chemistry, mechanical engineering, and computer science along with psychology and sociology.

Hobbies

In my free time I enjoy snowboarding, bicycling, hiking, basketball, golf, traveling, growing Lion's Mane Mushrooms, live music, and camping.