

TECHNICAL SKILLS

Proficient: JavaScript, React, Next.js, Node.js, Express, JQuery, MongoDB, JSON, CSS3, HTML5, Git

Exposure: TypeScript, GraphQL, Jest/Enzyme

PROFESSIONAL EXPERIENCE

| *Software Engineer* |

2017 - 2018

- Collaborated with a 15-person Agile/Scrum team to develop an enterprise React/Redux application in Electron, empowering USDA inspectors to efficiently gather crop field data.
- Engineered new components for diverse inspection and data types and rectified UI and functionality issues, ensuring a seamless user experience and smooth navigation using React, React Router, Javascript, and ES6.
- Implemented modal pages by leveraging React forms while meticulously adhering to designer mockups, facilitating data collection and storage in the Salesforce backend.
- Constructed visually impeccable websites using HTML/SCSS/CSS, aligning them with design specifications, while integrating responsive design and media queries for optimal display across devices.
- Built custom components within a CMS, harnessing API data to dynamically generate and display information through UI elements, including customized forms and jQuery DataTables.

| *Software Engineer* |

2018 - 2019

Select Projects:

- Podcast Chart Application: Built a Next.js application that pulls chart data from the Listen Notes and iTunes APIs. Scraped the iTunes page for each of the top 40 podcast ratings with Cheerio and saved 10,000 data points to a MongoDB database with Mongoose.
- Translation App: Developed a full-stack Javascript translation app with Text-to-Speech with the Google Translate API in React; Utilized the useContext API, React Hooks, NPM packages and a Node/Express backend, deployed to shared hosting.
- Weather Application: Created a full-stack weather NodeJS application with a responsive frontend to display the weather and pollen data for any city queried along with a city photo from the Unsplash API.
- Spotify Application: Created an application with React and Redux that pulls and displays data from a Spotify API for the top 10 songs of each artist queried with a 30s sample using Google Fonts, media queries, styled components, and React Hooks.

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| *Field Analyst Lead* |

2019 - 2020

- Acquired photographic imagery of crops using a GPS enabled buggy to capture new insights into how plants grow for Project Mineral, a sustainable food source initiative, and achieved a 95% collection quota.
- Filed up to 10 bugs weekly on hardware and equipment issues for the buggy and related equipment to improve drivability, performance, efficiency, and reliability.
- Updated and proofread, hundreds of pages of operational documentation, researched new suppliers for buggies and equipment, and liaised daily with 6 team members in a remote setting to define and execute operational plans.

| *Oculus Project* | *Collection Tech (Linux, Troubleshooting)* |

2019 - 2020

- Captured data for the 19-person Project Replica Oculus research team by using various camera rigs to capture data in venues including homes, offices, and stadiums.
- Achieved a 100% collection quota with 10TB of data weekly to help develop future VR experiences that enable people to share a virtual space with a friend who is hundreds of miles away.
- Improved end-customer satisfaction by troubleshooting software and equipment issues including UI freezes/crashes using Linux and general OS tools in Ubuntu to run scripts and file bugs and hardware failures.

| *Google Maps Project* | *Field Operations Coordinator* |

2019 - 2020

- Collected 95 datapoints daily at various venues using Android devices to improve the accuracy of Google Maps data.
- Recognized as 1 of the top 8 performers in the nation out of 500 staff by meeting & exceeding quotas 99% of the time.
- Maintained data integrity and organization within complex database structures.

| *Web Design/Digital Marketing* |

2019 - 2021

- www.vinvilla.com: Designed and built a Squarespace site for the oldest winery in Canada and implemented the Google Maps API to show driving directions.
- Orchestrated impactful email marketing campaigns using Get Response and MailChimp, employing A/B Testing for optimal results.
- Meticulously managed site updates and content for diverse clients, ensuring dynamic online presence and client satisfaction.

EDUCATION & CERTIFICATIONS

Bachelor of Science, Finance and International Business

- Minors in Spanish, Math, and Economics

Studies in JavaScript and WordPress