Alan Martin | Senior Software Developer

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PROFILE

Senior Software Developer with proven expertise in full stack development, specializing in TypeScript. Extensive experience in propelling start-up growth, offering proficiency in React, NodeJS, SQL, and No-SQL databases, along with various CMS tools. Renowned for delivering top-notch user experiences by staying on top of industry trends. Excellent mentor, communicator, and team player, committed to impacting organizations with a diverse skill set in software development and technology.

WORK EXPERIENCE

Senior Software Developer | Tablz, Ottawa ON   August 2022 - Present

Technology Stack: *TypeScript, Node.js, PostgresQL, Nest.js, React, TypeORM, GraphQL, Cypress, Docker, MUI, SCSS, ReactQuery, Express*

- Contributed significantly in building and implementing the backend architecture for the second version of our admin panel.
- Enhanced customer retention by resolving critical issues within the main checkout flow, reducing cart abandonment significantly.
- Ensured system stability by developing comprehensive end-to-end tests to prevent regression issues.
- Improved user experience by enhancing accessibility across various sections of our client-facing 3D reservation system.
- Mentored developers and university students, playing an instrumental role in recruiting and seamlessly onboarding four Waterloo engineering students.
- Promoted transparency and alignment by presenting weekly engineering updates in all-hands meetings and various team meetings.

Full Stack Engineer | Ambassador AI, Toronto ON   September 2021 - August 2022

Technology Stack: *TypeScript, Node.js, MongoDB, React, Redux, Next.js, REST, Heroku, Express*

- Enabled restaurants without websites to establish online presence during the COVID-19 pandemic by developing a website builder and custom CMS.
- Optimized online ordering processes by integrating external APIs such as Google and Facebook, improving user experiences and enabling seamless restaurant-customer interaction.
- Boosted company visibility and SEO performance by designing and coding a marketing-focused restaurant marketplace, facilitating customer discovery of local dining options.

Front End Engineer | Fülhaus, Montreal QC   December 2020 - August 2021

Technology Stack: *TypeScript, React, Redux, Sanity & Strapi CMS, SCSS, Figma, REST, AWS Amplify, BitHarmony*

- Participated actively in building and launching an innovative e-commerce marketplace, enhancing customer experience.
- Contributed to the development and optimization of "The Moodboard," a company blog aimed at increasing SEO visibility and driving organic traffic.
- Aided in creating an in-house component library, ensuring consistent UI design and improving productivity across multiple company applications.

Software Developer (Intern) | LeapGrad, Toronto ON   June 2020 - October 2020

Technology Stack: *JavaScript, React, Redux, REST, MongoDB, Mongoose, CMS, JEST, SCSS, Bootstrap*

- Assured code quality and reliability by implementing tests for existing React components.
- Collaborated with the development team in fixing bugs and ensuring a successful early release of MVP for Waterloo and University of Toronto students.

EDUCATION

Web Development Immersive Bootcamp / Full Stack Masterclass | Juno College of Technology, Toronto ON   2020 -2021

- Acquired proficiency in Vanilla JavaScript, React, jQuery, and API integration for enhanced web application functionality.
- Developed visually appealing and responsive user interfaces following accessibility best practices.
- Integrated NodeJS, MongoDB, REST, and Express into React projects with REST APIs.
- Created robust back-end systems with NodeJS and MongoDB for efficient data management.

SKILLS & TECHNOLOGIES

- **Programming Languages:** *TypeScript, JavaScript, Golang (beginner)*
- **Front End Development:** *React, Next.js, SCSS/CSS, MUI, Bootstrap*
- **Back End Development:** *Node.js, Nest.js, Express*
- **Database Management:** *PostgresQL, MongoDB, Mongoose, TypeORM, SQLC*
- **API Development:** *REST, GraphQL*
- **Testing Frameworks:** *JEST, Cypress*
- **State Management:** *ReactQuery, Context, Redux*
- **Tools:** *Docker, Framer Motion, AWS Amplify, BitHarmony, Heroku, Vercel, PGAdmin, Robo3T*

HOBBIES & INTERESTS

- **Skateboarding & Photography:** *A therapeutic outlet and creative platform for self-expression.*
- **Cooking:** *A former chef with a decade-long background in fine-dining establishments, I enjoy exploring new flavors and creating delicious meals.*
- **Coding:** *Always eager to expand my development knowledge and skills, I am currently immersing myself in the Go programming language. Enthralled by its simplicity and performance, I am actively building an API using the Gin web framework, SQLC for efficient database interaction, and various other Go-based tools. This project not only enhances my understanding of Go's capabilities but also helps me understand the practical challenges and best practices in building performant and scalable back-end systems. Whether it's diving into a new language, framework, or concept, the continuous process of learning in coding is a source of immense satisfaction and intellectual curiosity for me.*