

JOEL MACDONALD

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PROFESSIONAL SUMMARY

Experienced Frontend Developer with 7+ years of delivering secure, high-performance, mobile-optimized user interfaces. Proficient in TypeScript, JavaScript, React, HTML5, and CSS3 (Sass/SCSS) with expertise in modern UI architecture. Proven ability to build responsive, single-page applications, collaborate across cross-functional teams, and translate design concepts into interactive components. Adept at optimizing UIs for scalability, security, and performance, as well as integrating frontend with backend APIs for seamless functionality.

SKILLS & TECHNOLOGIES

- **Languages/Frameworks:** TypeScript, JavaScript, React, React Native, Redux Saga, Redux Thunk, HTML, CSS, MUI (Material UI), Next.js, Tailwind
- **Tools:** Git, BitBucket, Jira, Azure Devops, Docker, Vite, Webpack, Jest, Vitest, Cursor, Copilot, ChatGPT, Claude

PROFESSIONAL EXPERIENCE

NOVASCRIPT | *Web Developer Consultant* | Jan 2025 - Present

- Developed high-performance, custom websites tailored to client specifications using React, JavaScript, HTML, and CSS, with a focus on scalability and clean, maintainable code
- Implemented advanced SEO strategies, consistently driving top search engine rankings and significantly increasing client visibility and traffic
- Collaborated with a diverse range of clients, translating complex business needs into intuitive, user-friendly digital solutions
- Engineered full-stack web applications, delivering end-to-end solutions that integrated seamlessly with backend services and third-party APIs

FRONTEND DEVELOPER II | *Jonas Software* | Sep 2020 – Dec 2024

- Spearheaded the design and development of secure, scalable, high-performance, mobile-first user interfaces aligned with team roadmap priorities
- Optimized system efficiency by reducing API requests by 36,000/day through the identification and remediation of a critical data leak
- Led a comprehensive refactor of legacy UI/UX systems, boosting performance while cutting server requests by 70% and data transfer by 40%
- Architected and implemented a dynamic onboarding form with real time validation, ensuring a seamless and robust user experience
- Delivered production grade React applications using TypeScript, Redux Saga, and Material UI
- Collaborated with backend teams to ensure API compatibility and smooth integration of scalable, secure services
- Collaborated with QA teams to swiftly address and resolve bugs, ensuring timely deployments

REACT NATIVE DEVELOPER | *Pinkaloo Technologies* | Oct 2019 – Apr 2020

- Developed and launched a cross platform charitable giving app, available on both iOS and Android
- Implemented key features like in-app donations, geolocation-based map searches, and user profile pages, significantly enhancing user engagement
- Refactored app navigation and modernized the codebase using React Native and Redux Thunk
- Collaborated with QA to debug critical issues, ensuring smooth and reliable app operation across platforms

EDUCATION

Full Stack Developer Certification

Next Academy | 2018 – 2019

- Proficiencies: Ruby, Ruby on Rails, JavaScript, Postgres/SQL, OAuth, Bootstrap, HTML/CSS