Devon Deonarine

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SKILLS

Languages: TypeScript, C#, JavaScript, SQL, Rust, HTML, CSS

Front End Frameworks & Libraries: React, React Native, Expo, Next.js, Redux, Redux-Saga, Mocha, Playwright, Jest, Styled Components

Back End Frameworks & Libraries: Node.js, .NET 6+, Orleans, Entity Framework (6/Core), Identity Server, SignalR

DevOps & Cloud Services: Azure, Docker, AWS, Auth0, Microsoft SQL Server, Octopus Deploy

EXPERIENCE

Principal Software Developer (Typescript, C#/.NET, React/Next.js, React Native/Expo, Azure)   May 2017 - Present
Archon Systems Inc. | Toronto, Ontario

- Spearheaded the modernization of our frontend technologies, patterns, and development processes while actively contributing to feature development. Played a key role in the introduction of TypeScript to our repository, the improvement of our end-to-end testing, addressing technical debt, as well as the migration of our single-page applications to Next.js
- Directed our React Native project throughout its lifecycle, from proof of concept to production-ready application. Defined best practices, provided technical guidance, implemented native modules for our custom hardware, migrated to expo, and continuously worked on improving the product
- Closely collaborated with cross-departmental stakeholders, including product managers, technical leads, UX designers, sales representatives, and customer support teams to define project roadmaps, conduct technical investigations, and deliver projects while making informed trade-offs to balance company goals and technical constraints
- Assisted in architechting and developing a scalable label generation and cloud printing system, including a cross-platform desktop application, frontend label designer, and backend infrastructure
- Worked closely with DevOps to create and maintain CI/CD pipelines for many frontend projects, dockerizing builds and integrating error tracking to streamline the development process
- Continuously shared knowledge and best practices with the development team through code reviews, pair programming, technical discussions, and mentoring
- Actively participated in hiring rounds and played a key role in onboarding new team members, collaborating with HR and management to provide a supportive and smooth experience for incoming talent

Software Developer (Consultant) (React, C#/.NET, Azure, AWS, Typescript, NextJS)   Dec. 2021 - Sept. 2023
ProductPinion Inc. | Toronto, Ontario

- Collaborated with founders and other developers to define the technical roadmap and architecture for the company's minimum viable product, playing a key role in the development and continous improvement of the core product
- Assisted in the design of UI/UX enhancements and drove ongoing implementations, leveraging technologies such as React, Next.js, and TypeScript to create a modern, responsive, and user-friendly web application
- Architected and developed a scalable Event-Driven microservice using Microsoft Orleans, which serves as a critical component of the product architecture, handling core business logic and AI summarization features
- Created and maintained CI/CD pipelines for frontend projects using GitHub Actions and Docker, implementing comprehensive testing and build checks to ensure code quality and reliability. This resulted in a more streamlined and faster deployment cycles

EDUCATION

B.Sc. Computer Science   2012 - 2017
Toronto Metropolitan University (FKA Ryerson University)