Stride Expertise

Nate

Lead Consulting Software Developer

Nathan is a software engineer with a Computer Science degree from Curtin University in Western Australia and over 15 years of experience.

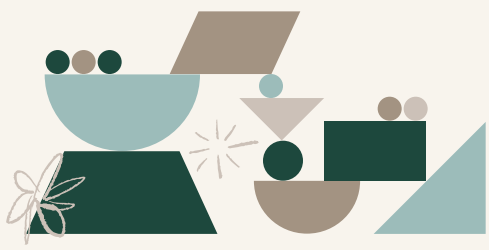
His expertise lies in agile programming, test-driven development, and extreme programming. Nate has a proven track record of success in leading technical teams, making critical design decisions, and managing technical projects. He also has extensive experience working on large-scale software systems designed to support state child welfare agencies.

Other Projects

Casebook PBC
Nathan worked on the Child welfare / Human services platform at Casebook PBC. He helped implement the platform, written in Scala, JavaScript, and Ruby. The platform was designed with a microservices architecture in mind, with front-end solutions written in Node.js, React, and Redux, and mobile clients written in React Native.

Casecommons
Key contributor on multiple teams responsible for the development and maintenance of a comprehensive child welfare management system used by the state of Indiana. This system encompassed a wide range of critical functionalities, including intake processing, ongoing case management, placement of children in suitable care environments, and thorough investigation of reported child abuse and neglect cases.

Led the development of California's Intake system, overseeing a team of developers and collaborating with multiple vendors to successfully design and implement a user-friendly frontend interface that streamlined the intake process for the entire state.



Stride Projects

Peak Reservations
Spearheaded the initiative to migrate the API codebase from JavaScript to TypeScript. This migration significantly enhanced code maintainability, improved the overall understanding of data flow through various layers of the backend architecture, and reduced the likelihood of runtime errors due to type mismatches.

Peloton
Collaborated with team to implement a series of comprehensive improvements to the site's accessibility, which addressed a range of issues identified in a recent accessibility audit. This initiative involved refactoring code, redesigning elements, and integrating assistive technologies to ensure compliance with WCAG standards and provide an equitable user experience for all visitors.

Allied World
Led the development and implementation of the new reinsurance platform which managed clients underwriting and claims applications. Improved interactions with shared document management system.

IBM
Worked for the department of CIO at IBM to improve internal tooling for their broadcast system and optimize the way broadcast users manage their department’s content. Delivered Apache Solr search functionality to the broadcast admin portal, which helped improve the efficiency and effectiveness of IBM's broadcast system, allowing users to manage their content more easily.

Technologies

- Languages: Java, React, Typescript, Node, Ruby, Rails
- Docker, Heroku, Postgres
- Node.js, React, and Redux
- React Native