# Tan Nguyen

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## Skills and Proficiencies

- Web Development: JavaScript, React, CSS3, HTML5
- Backend Development: Node.js, Python (basic), Java (basic), Spring Boot (basic), AWS (basic)
- Technology: Git/Github, Kubernetes (basic), Jira, Confluence, Postman, SQL

## Work Experience:

**Junior Full Stack Developer**

**HSBC,** Jul 2022 - March 2023

- Implement a redux/react framework to Wealth Compass, reducing redundant API calls, decreasing load times by 45%, and leading to higher conversion rates of prospective account registry to HSBC premier investment customers
- Refactor existing codebase to TypeScript, thereby catching errors at compile time rather than runtime
- Improve code reusability by separating legacy code into React Components
- Conducted code reviews from other developers and ensured adherence to strict guidelines, productivity was improved, resulting in more efficient and effective software development
- Developed simple React and Spring Boot application to make GET requests to the MSSQL database
- Created documentations related to Redux and new features for Wealth Compass platform

**AWS and Systems Administrator Intern**

**Payment Source**, May 2021 - Aug 2021

- Mapped and documented relationships for all Oracle tables, improving Developer and DBA workflow
- Compared and reconciled development and production databases, flagging and identifying differences
- Documented approximately 15 AWS tools thereby shortening training time for future new hires

## Projects

**BuiltSpace Technologies Team Project**

**British Columbia Institute of Technology**, Jan 2021 - Mar 2021

- First place project at a technology fair for improving QR code generator
- Overhaul front end user interface with React by soliciting weekly requirements from Product Owner

**Locations Sharing App**

Jan 2023 - Dec 2023

- Technologies: React, Node.js, MongoDB
- Users log where they have been, edit places, and upload/share images with other users
- Can view where other users have been but cannot edit their locations
- CRUD operations

## Education:

**Diploma Computer Information Technology, Honors**

- British Columbia Institute of Technology

**BSc. Biology**

- Simon Fraser University