

# Shuwei Ren

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## EDUCATION

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**Dalhousie University** Bachelor of Applied Computer Science  
**Nova Scotia Community College** Diploma of IT Web Programming

Expected Dec 2024  
Sep 2020 - Jul 2022

## WORK EXPERIENCE

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### Software Developer (Internship)

July 2024 – Aug 2024

Riipen Level-Up Program

- Designed and developed client websites utilizing React and Tailwind CSS
- Implemented functionalities, including Firebase authentication and user management features
- Collaborated with clients to gather requirements, offered support to fellow team members and ensured the final product met their expectations

### Junior Software Developer

Apr 2022 - July 2023

REDSpace

- Developed a single-page web application for automating the hiring process, leveraging React, TypeScript, and Node.js to enhance user experience and increase efficiency
- Implementation of 3 core features for the app: fetching Required Information via REST API Endpoint, triggering the server with AWS Lambda, and setting up GitHub Actions for managing GitHub repositories
- Collaborated on a mobile application project utilizing TypeScript and React Native, contributing to cross-platform accessibility and enhancing user engagement
- Designed and optimized the database schema with AWS DynamoDB, alongside creating serverless functions using AWS Lambda, which facilitated dynamic report generation and improved data handling capabilities
- This application enables users to effortlessly create and manage report documents, significantly reducing manual effort and expediting the hiring process

### Front-end Developer (CO-OP)

May 2021 – Aug 2021

Aptitude Digital

- Developed clients' content management system using Drupal, employing PHP, Twig, Sass, and JavaScript to translate design requirements into functional code
- Implemented responsive web design principles, optimizing websites for responsive design
- Conducted routine maintenance and upgraded 40+ clients' websites for Drupal 7/8, ensuring optimal website performance and security

## PROJECTS

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### Challenge App

Sep 2024 - Aug 2024

- Created a web application to address their challenges.
- Implemented a dynamic component utilizing the React.js framework and styled it with Bootstrap.
- Built the backend API using Spring Boot.
- Deployed the application on AWS, leveraging RDS and Elastic Beanstalk, and hosted it using an S3 bucket.

### Sleepwell Sleep Therapy

Sep 2023 - Dec 2023

- Developed web application to assist users in managing their sleep patterns and overall well-being
- Integrated a dynamic component using the Next.js framework, ensuring optimal server-side rendering and improved performance
- Developed interactive and user-friendly input table using Chart.js
- Utilized Firebase's Realtime Database, enhancing the server-rendered pages with real-time updates for user-specific information

## SKILLS

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**Technical Skills:** JavaScript/TypeScript, Java, C#(.NET), Python, Node.js, React/ReactNative,Next.js, Spring boot, AWS (Lambda, S3, DynamoDB), SQL, and Azure cloud services

**Certifications:** AWS Cloud Practitioner, Microsoft AZ-900, SC-900, AI-900, and Project Management Professional