

William is a goal and detail-oriented, full-stack developer of mobile-first, responsive web applications as well as mobile-native applications. Possessing a long track record of developing responsive single-page apps, hybrid mobile apps, and RESTful APIs, William has demonstrated proficiency and expertise in modern application development practices (DevOps) and technologies. With his commitment to life-long learning and life-balance demonstrated by recent additional education in Cloud Migration, Artificial Intelligence and Machine Learning, William is armed with the skills and experience needed to create dynamic, professional, user-friendly experiences in an agile team environment.

SUMMARY OF QUALIFICATION

- 5+ years' development experience with full-stack web development, specialized in React and React Native development, deep understanding on Object Oriented Programming, Data Structure and version control in Agile Environment.
- Proficiency in application UX/UI design with deep knowledge of usability, accessibility and Front-End performance optimization; Practical skills on implementing modern web applications with modern dynamic programming technologies.
- With strong communication and teamwork skills, William is comfortable engaging with clients to solicit requirements and gather feedback on UI design, as well as developing readable and maintainable code in a team, or individual setting.

KEY SKILLS

Languages	JavaScript(ES6, ES7), HTML, CSS, ClojureScript, Ruby on Rails, Python, Java, SQL
Frameworks	React, React Native, Node.JS, Sass, Less, Reframe, Redux, Sprint Boot, PostgreSQL, GraphQL
DevOps	Git, GitHub, GitLab, Jira, Trello, Slack, AWS, Azure, Google Cloud Platform
Design	Figma, Framer, Sketch, Adobe XD, Adobe Photoshop, Adobe Illustrator, Adobe After Effect

EXPERIENCE

Tidal Migration Platform Refactor

Jun 2021 — Present

Tidal Migrations

Toronto, ON, CA

- Collaborate with teams to design, refactor, release and maintain the existing application as cloud migration assessment tool.
- ReactJS SPA Front-End with custom themed components from the Tidal-UI Design System, secured with Auth0's SPA framework.
- Collaborate with cross-functional team members on user support, features, design, and implementation.
- Architect, implement, and test features across all stacks.

Tidal-UI Design System

Jun 2021 — Present

Tidal Migrations

Toronto, ON, CA

- Led the product team to build and maintain a collection of reusable React components in the design system with storybooks demos and API documents.
- Designed and maintained a reusable Figma library for a collection of UI components to help speed up the mock-up iterations.
- Collaborate with product team members to properly interview existing app users and address all features and pain points.
- Dramatically increase the Front-End development efficiency by more than 80%.

Cloud Cost Calculator

Jan 2021 — May 2021

Tidal Migrations

Toronto, ON, CA

- Collaborate with product team to design, develop, release and maintain the free cloud migration cost calculator web application.
- Responsible for Designing, developing, and maintaining a user friendly Typescript React Spreadsheet Importer library and released on NPM.

On-premises Application Refactors

May 2020 — Jun 2021

Tidal Migrations - Ontario Ministry of Transportation (MTO) Contract

Toronto, ON, CA

- Full stack development and refactor of existing applications as a part of client's migration executions to Microsoft Azure Cloud.
- Spring Boot back-end serving a GraphQL API, implemented RBAC with Auth0 and Spring Security for internal and external users.
- ReactJS SPA front-end with custom themed components from the MTO Design System, secured with Auth0's SPA framework.

MTO-UI Design System

May 2020 — Jun 2021

Tidal Migrations - Ontario Ministry of Transportation (MTO) Contract

Toronto, ON, CA

- Created and maintained a collection of reusable React components in the design system based on the requirements, with storybooks demo and API documentations.
- Collaborate with designers on the MTO side to properly interview existing users and address all pain points.
- Collaborate with developers on the Ontario Design System team to address all UI alignment and accessibility requirements.
- Dramatically increase the Front-End development efficiency by more than 70% after the new Design System released.

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William Cui (Wenwei)

Software Developer | UI / UX Designer

Personal Portfolio
github.com/wenweicui
linkedin.com/in/wenweicui

Tidal Migrations Marketing Video

April 2021 - May 2021

Tidal Migrations

Toronto, ON, CA

- Played the role of the lead video editor to create a 2 minutes animation marketing video for the new product release.
- Published and maintained video on enterprise YouTube channel, the video currently has more than 100,000 views.
- Used a variety of video and audio editing software to trim videos to match the top expectation.

LuluCheck Mobile Application

May 2017 — Jun 2018

LuluSmart

Ottawa, ON, CA

- Collaborate with product team and build a cross-platform client-side application for all property owners to check and document the conditions of their properties while away.
- Responsible for the Front-End development and technical feasibility of UI/UX designs using React-Native framework.
- Improved the loading speed of data retrieving and calculating web pages successfully from 8 seconds to average 1 second with GraphQL and PostgreSQL.
- Engineered dynamic components and created reusable code to facilitate future use.

LuluSmart Web / Mobile Application

May 2016 — Jun 2017

LuluSmart

Ottawa, ON, CA

- Collaborate with product team and build a web application platform to promote local self-employed service provider's business.
- Responsible for the technical feasibility of UI/UX designs and Front-End development using React Native.
- Worked closely with product managers to keep the site up-to-date and prioritizing needs, among other tasks.
- Effectively gathered requirements and delivered on design requirements at the highest rate among peers.

EDUCATION

Microsoft Certified: Azure Developer Associate

June 2021 — June 2023

Master of Science in Computer Science with Artificial Intelligence, *University of York*

Jan 2022 - Dec 2023

Bachelor of Economics, *Carleton University*

Sept 2018 - Dec 2019

Computer Programming College Diploma, *Algonquin College of Applied Arts and Technology*

Jan 2014 - Dec 2015