

AIDAN CLARKE SCOTT

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TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Node.js, C#, C, C++, Python, PHP, SQL

Tools, Frameworks, & Paradigms: React, React Native, EmberJS, Redux, Express, Mongoose, Unity, Git, GitHub, Overleaf (LaTeX), Postman, Axios, Object-Oriented Programming, MongoDB

Testing: Jest, JUnit, QUnit, Mocha, React Testing Library, Cypress

WORK EXPERIENCE

Junior Front-End Developer - *Later*

May 2022 - Dec 2022

- Expanded frontend framework expertise through internal engineering tasks like updating **JavaScript EmberJS** components to new Ember Octane Glimmer components in **TypeScript**.
- Implemented new features, such as a 'Recent vs. Top' Instagram hashtag dropdown for the app's collect media functionality, which integrated **Instagram's API** to fetch real-time hashtag data.
- Collaboratively delivered a new account upgrade path from wireframes, impacting the entire Linkin.bio app and reaching a large portion of the user base.
- Pioneered a **Google Calendar** integration for the Later Calendar, encompassing authentication, Google API data retrieval, and seamless data integration using **EmberJS**.

Mobile Application Developer - *Yalty Software*

Sept 2020 - Apr 2021

- Learned **Unity** and **C#** in 3 weeks and single-handedly maintained and developed the company's flagship mobile children's game, publishing it to the Apple **App Store** and **Testflight**.
- Developed 40+ new minigames, built 3 new game worlds, and overhauled player movement & UI.
- Created interactive user dashboards in Unity with the ability to dynamically view and modify account information by sending and receiving data through custom **API** endpoints, parsing **JSON** files.
- Wrote a custom Unity learning path and oversaw the onboarding and agendas of two junior developers, planned/coordinated work, and led meetings.

PROJECTS

HSBC Virtual Office Project - *UBC CPSC 319 (Software Engineering Project)*

Jan - Apr 2022

- Collectively developed a virtual office platform for HSBC, utilizing **TypeScript** and **React** for the frontend, and serverless **AWS Lambda** and **DynamoDB** for the backend.
- Managed the project, coordinating front/backend teams, ensuring alignment with client specifications.
- Authored the user guide, planning and use case documentation, presented the final project to HSBC.

Full Stack Open

Apr - Sept 2021

- Learned Full Stack web development and built a full stack blog list application using the **MERN** stack.
- Employed **Node**, **Express** and **MongoDB** to build a **REST** backend that supported necessary endpoints.
- Created an attractive SPA frontend for the blog list app using **React**, **Redux**, **Axios**, and **MaterialUI**.
- Learned **GraphQL**, **TypeScript**, and **React Native**, built projects with each of the technologies.

Insight UBC

Sept - Dec 2021

- Made a full stack web app that allows users to intuitively query data about UBC courses and rooms.
- Built a custom **query language parser** that executed queries on parsed **JSON** and **HTML** files, and a backend in **TypeScript** with **Express** to serve data to a user-friendly frontend built with **React**.

EDUCATION

The University of British Columbia - Bachelor of Science, 85% Average

Sept 2018 - May 2024

- **Key Courses:** Software Engineering Project (96%), Software Construction (95%), Software Engineering (92%), Applied Machine Learning (92%), Computer Systems (92%), Relational Databases (90%)