

Abdullah Morrison

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Summary

Full-stack software engineer based in Seattle. Experienced in building scalable web applications using React, TypeScript, and Node.js.

Skills

Languages: TypeScript/JavaScript, C#, Java, Python, PHP, Lua, HTML, CSS/SASS

Frameworks & Libraries: React, Next.js, Vue, React Native, Tailwind, jQuery, Jest

Infrastructure & Tools: Docker, AWS, Terraform, Git, Linux

Databases & APIs: MongoDB, MySQL, PostgreSQL, GraphQL/Apollo, tRPC

Experience

Software Development Engineer I, Expedia Group Jan. 2026 – Present

- Developing features for an internal Backstage developer platform (**React**, **Node.js**, **TypeScript**) that simplify project creation and service management, accelerating onboarding and enabling teams to ship changes faster.

Fullstack Developer, Alveus Sanctuary Dec. 2022 – May 2023

- Built an interactive livestream overlay that educated ~7000 weekly viewers about animal conservation using **React**, **TypeScript**, **NodeJS**, and **MongoDB**.
- Developed a real-time chatbot overlay controller using **TypeScript** and **NodeJS**.
- Led a 6-person open-source team, contributing features via pull requests.
- Developed a prototype to propose to the CEO before joining the company.

Software Engineer, Microsoft May 2022 – Aug. 2022

- Reduced the steps to assign a build failure to a teammate by ~40% by developing a Microsoft Teams message bot command to automate the process using **C#**.
- Created a plugin in Microsoft Teams that displays who may be responsible for a build failure in a drop-down using **C#**.
- Modernized and refactored frontend components for an internal tests website using **VueJS**.

Web Developer, 76Engage Sept. 2021 – Dec. 2021

- Built a plugin that streamlined adding and searching images on Drupal sites, using **VueJS** and **Docker**.
- Improved onboarding documentation and reorganized technical resources.

Web Developer, Digital Main Street Jan. 2021 – Mar. 2021

- Improved the sales of 12 small businesses by redesigning their website's UI and backend to make it easier for customers to make a purchase using **Shopify**, **WordPress**, **SquareUp**, **Wix**, **Squarespace**, and **wireframes**.
- Collaborated with 2 digital marketers to integrate digital marketing tools like Facebook pixel onto websites, a copywriter to improve the quality of copy on websites, and a graphic designer to add graphics to the websites.

Software Engineer, University of Ottawa Jun. 2020 – Aug. 2020

- Helped uOttawa sports staff more easily access uOttawa athlete data by developing a website to display that data using **PHP**, **JavaScript**, and **MySQL**.
- Designed the database through an entity-relationship diagram and the frontend with wireframes.

Projects

Motivation Scale motivationscale.com | github.com/abdullahmorrison/motivation-scale

- A website and mobile app that helps users track how their goals affect their emotions. Made with **NextJS**, **TypeScript**, **MongoDB**, **GraphQL/Apollo**, **Docker**, **NodeJS**, **Jest**, **SCSS** and **React Native**.

Live Streamer Twitch Extension github.com/abdullahmorrison/erobb221-twitch-extension

- Increased the revenue of a live streamer via an improvement in his viewer engagement by developing an interface that overlays over his broadcast and lets users play a mini-game related to the stream using **React** and **TypeScript**.
- Implemented a Twitch chatbot that triggers the overlay to let viewers throw virtual tomatoes at the screen for 30 seconds.

Education & Certifications

University of Ottawa – Honours Bachelor of Science in Computer Science 2018 – 2023

AWS Cloud Practitioner Certification – CLF-C02 2024

AWS Solutions Architect Associate Certification – SAA-C03 In-progress

Terraform Associate Certification – 003 In-progress