MESHA EDWARDSON

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WORK EXPERIENCE

Front End Developer   Dec 2021 - Present
CapIntel   *Ottawa, ON*

- Created an in-house dashboard in React to visualize active worker jobs and provide insights on task history.
- Built a custom table component to present financial portfolios and fetch up-to-date metrics upon a user's request.
- Created a reusable modal component that allows advisors to group financial instruments in their comparisons.

Full Stack Developer   Apr 2021 - Aug 2022
Ruckify   *Ottawa, ON*

- Designed and implemented a custom web component library to replace deprecated dependencies.
- Integrated Segment.io's API within our back-end to track user data for marketing insights.
- Refactored and maintained key functionality of the AngularJS front-end.

Software Development Engineer in Test   Apr 2020 - Aug 2020
Ruckify   *Ottawa, ON*

- Reduced the average testing time from 10 minutes to 18 seconds by adding Cypress.io.
- Simplified the CSS selectors for the future QA team by creating data-attributes for existing DOM.
- Automated unit tests for newly developed features.

PROJECTS

Flock - JavaScript, Node.js, Express.js, Tensorflow
Developed a mobile app to detect geese in images and track their location. Built the server using Express and Node to accept image submissions and return analysis results. Trained and implemented the object detection model using Tensorflow and Azure Custom Vision.

Fact Check - React.js, Node.js, Express.js
Designed a chrome extension to fact check the content of tweets. Built out the user interface using React.js and integrated with Twitter's API to fetch tweet data.

Spotify Sentences - JavaScript, HTML, CSS
Created a web-app to generate playlists that form a sentence from the song names. Used a dynamic programming algorithm to increase the program's success rate.

TECHNICAL SKILLS

Languages	JavaScript, C/C++, Python, Scala, HTML, SQL
Frameworks	React.js, AngularJS, Bootstrap, React Native, Node.js, Express.js, Jest
Tools	Git, Bash, Visual Studio Code, Heroku

EDUCATION

Honours Bachelor of Computer Science, Co-op, University of Waterloo   Expected 2025

- Relevant Coursework: Object Oriented Software Development, Algorithm Design, Sequential Programs.
- Major Average: 91%
- Member of Varsity Ultimate Frisbee