MESHA EDWARDSON

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TECHNICAL SKILLS

Languages	TypeScript/JavaScript, C/C++, Ruby, Python, Bash, Scala, HTML/CSS
Frameworks	React, Ruby on Rails, Next.js, Express, Redux, Node, Mongo, MySQL, Protobuf, AWS

EDUCATION

University of Waterloo — Sept 2020 - May 2025
Candidate for Bachelor of Computer Science

WORK EXPERIENCE

Software Engineer — Jan 2023 - Aug 2023
Kikoff — *San Francisco, CA*

- Spearheaded the design, implementation, and launch of several key features in Kikoff's core credit-building product with **React**, **Ruby on Rails**, and **Protobuf**, enhancing customer retention and boosting revenue.
- Developed the credit account pause feature, reducing user churn rates by **4%** and granting users financial relief.
- Created the credit account restart feature, driving **$500,000** of annual recurring revenue by enabling users to easily re-subscribe to our service.
- Built a real-time dashboard using **Pulumi**, **S3**, **AWS Lambda**, and **Snowflake** to monitor **1,000,000+** users for government compliance, reducing manual review time by **95%**.
- Implemented lease verification and historical reporting by seamlessly integrating with **AWS Textract** and **Plaid**, playing a key role in the successful Rent Reporting MVP launch to **300,000** users.
- Designed and documented a reusable survey tool, cutting survey creation time by **75%** and enabling instant survey updates in the mobile app.

Software Engineer — Dec 2021 - Dec 2022
CapIntel — *Waterloo, ON*

- Contributed to CapIntel's portfolio comparison tool for financial advisors in **React**, **Express**, and **MongoDB**, empowering advisors to make informed investment decisions.
- Optimized the financial metric displays to fetch data on demand, reducing the backend worker load by **5 hours** per week, improving system performance and efficiency.
- Developed the sought-after Portfolio Groups feature, enabling advisors to showcase personalized goal-based investing for clients by consolidating multiple accounts into a single view.

Software Engineer — May 2021 - Aug 2021
Ruckify — *Ottawa, ON*

- Developed and implemented a custom web component library in **Angular**, replacing **95%** of external dependencies and streamlining the development process.
- Led the implementation of end-to-end test automation for the front-end application and achieved **100%** coverage.

PROJECTS

Spotify Sentences 🔗

- Developed and deployed a web app using **Next.js**, **TypeScript**, and **Vercel** to convert English sentences to a Spotify playlist, where the playlist song titles read out the sentence.
- Implemented a backtracking algorithm to optimize the success rate of finding song names required for the playlist.