

Matthew Hobbs

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- For US-Based roles I will require a TN or H-1B sponsorship. I am a dual Canada-UK citizen.
- TypeScript, JavaScript, Python, HTML/CSS, React, Node.js, Vite, Rollup, Redux, Sass, Tailwind, Jest, Svelte, Figma, Sketch

Experience

[Amazon](#) • Software Engineer • Vancouver, Canada • Jan 2023 – Present

- Enhanced and scaled an established internal negotiation system, playing a key role in recovering over \$2.5 billion in free cash flow. My contributions spanned comprehensive architectural design, the creation of high-fidelity mock-ups in Sketch, and the integration of robust Java APIs with a dynamic React frontend.
- Overhauled a complex multi-package front-end architecture, significantly enhancing the development workflow. This revamp resulted in a dramatic reduction in Hot Module Reloading times from 25 seconds to a mere 500 milliseconds, while simultaneously facilitating local testing of backend service integrations.
- Engineered a highly adaptable, internal embedded survey system designed to capture valuable feedback and key performance metrics, championing data-driven strategies to minimize operational churn and bolster user satisfaction.
- Led a UX-centric approach to software development, delivering detailed, high-fidelity Sketch prototypes. Managed and shared these designs through Invision, ensuring transparency and enabling informed decision-making for senior management.

[Amazon](#) • Software Engineer Intern • Vancouver, Canada • May 2022 – Aug 2022

- Refined and updated a front-end negotiation portal to enhance clarity and transparency of terms, formulas, and calculations for a diverse user base, from vendor managers to developers.
- Developed a full-stack solution for providing human-readable term information to thousands of vendor managers within Amazon.
- Demonstrated proactive engagement and effective collaboration in a large team setting, securing a full-time return offer through consistent delivery of results.

+ Internships at [Cisco](#), [Nokia](#), the [Royal Bank of Canada](#), and [Mitel](#)

Projects

[Dwelling](#) • WIP • Sep 2024 – Present

- Developing a property management platform to simplify Strata payment collection and accounting across properties.
- Integrating secure payments via a Plaid integration.
- Currently experimenting with Go to improve Lambda performance and reduce cold start issues seen with Node.js

[Userloop](#) • <https://userloop.dev> • Jan 2024 – Present

- Leveraged Pulumi IaC to manage, maintain, and deploy changes using industry standard CI/CD practices.
- Designed and developed a robust end-to-end events system on AWS API Gateway, Lambda, OpenSearch, Kinesis, and SQS to receive, process, and render events for users.
- Architectural features include support for ~10,000 TPS, Stripe per-event metering, and sub-5-seconds OpenSearch ingestion latency.

Education

[Carleton University](#) • Vancouver, Canada • Sep 2019 – Dec 2022

- Graduated with High Distinction from Carleton University. Accelerated my studies by managing an increased course load to complete my degree ahead of schedule.