

Caleb Sutherland

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Experience

New Software | *NextJS, TailwindCSS, Supabase, DenoJS, OpenAI API* *Toronto, Canada*

Fullstack Software Engineer May 2024 - Present

- Developed an AI-driven low-code platform to provide ERP solutions and integrations for business workflows
- Optimized our table page allowing users to manipulate 1000s of records simultaneously
- Secured our microservices by implementing OAuth and JWT authentication

KPFlow Solutions | *Javascript, EJS, MongoDB* *Toronto, Canada*

Fullstack Software Engineer (part-time) Oct 2023 - Present

- Enhanced business intelligence and management decisions for Quebec's largest fitness facility
- Engineered a reporting system for class attendance and payroll information

Reliable Controls | *Typescript, React, TailwindCSS, NestJS, PHP, MySQL* *Victoria, Canada*

Application Developer May 2023 - May 2024

- Engineered a mono-repo framework to support internal apps used by the entire company of 300+ people
- Designed a GraphQL API allowing client applications to flexibly consume data from our database
- Developed a Sales Forecasting Application; boosting our sales prediction times by over 90%

Application Developer May 2021 - May 2022

- Designed and implemented an Inventory Management System, serving 200+ manufacturing floor users
- Led the database and API design process to manage orders, receipts, and inventory of 1000s of items

Airtable | *Typescript, React, NodeJS, Cypress, MySQL* *San Francisco, USA*

Fullstack Software Engineer Aug 2022 - Dec 2022

- Delivered an end-to-end Airtable Forms feature allowing users to request a copy of their form submission; boosting user signups by 50% for the next five days
- Improved test coverage to 95% for Airtable's sharing feature by writing end-to-end tests

AOT Technologies | *React, Python Flask* *Victoria, Canada*

Junior Software Engineer May 2020 - Aug 2020

- Developed a wizard interface to improve the onboarding experience for our Forms-Flow-AI application
- Contributed to our REST API; enhancing our data pipeline and request validation

Education

Western University | Honours Specialization Computer Science (H.BSc.) | 4.0 GPA Sep 2018 - Apr 2022

Projects

VotingBuck ([Frontend](#) & [Backend](#)) | *Typescript, React, NodeJS, Prisma, MySQL, Redis*

- Created a web application showcasing political data (e.g. donations, ideology scores) for the USA

Consistent Hashing Distributed File System ([Github](#)) | *GO, GRPC*

- Developed a distributed file system allowing users to upload and download files from nodes in the network

Skills

Languages: Javascript, Typescript, Python, Golang, SQL | **Frameworks/Libraries:** React.js, Next.js, Node/Express, EJS, Supabase, TailwindCSS, Cypress | **Other:** Git, Docker, PostgreSQL, MySQL, MongoDB, AWS EC2, CI/CD, REST APIs