

Keaton Lees

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Technical Skills

Frontend: TypeScript, JavaScript, React, React Native, Next.js, Redux, HTML, CSS, SASS, TailwindCSS, Framer Motion

Backend: Python, Java, Node.js, Express, Flask, Django, MySQL, NoSQL, MongoDB, Firebase, Supabase, Railway

Other: Amazon Web Services (DynamoDB, S3, Lambda), Docker, Figma, Git, Github, Jest, Jira

Experience

EliteAI - Software Engineer

Mar 2025 - Present

- Engineered a high-performance mobile fitness app, enabling real-time performance tracking using **React Native** and **Expo**
- Integrated a dynamic backend to compare athlete performance across teams and locations using **Firebase** and **Prisma**
- Created intuitive and responsive designs using **TailwindCSS** to streamline visualizations for athletes' competitive metrics

Lees Solutions - Full Stack Developer

Sept 2024 - Present

- Souvenir:** Engineered a cross-platform app tailored towards travelers, allowing for itinerary planning, travel recommendations, and digital souvenir collection, built with React Native, Python, AWS DynamoDB and S3, and Firebase
- GetWrapped:** Deployed a full-stack web app for crafting and sharing personalized Spotify Wrapped-like experiences for events such as trips and anniversaries, leveraging Next.js, MongoDB, and AWS S3

Canvass Analytics Inc - Software Developer Intern

Apr - Aug 2023

- Spearheaded the development of **3 new dashboard systems**, optimizing analysis methods and enhancing data processing
- Improved data **readability by 30%** by implementing User Labels and Favoriting, utilizing **TypeScript, React, and Node.js**
- Collaborated with engineers to **redesign API routes** to Redux stores, enhancing performance and **reducing fetch time by 18%**
- Refined reusability for multiple interfaces and effectively presented updated features to stakeholders and management

PiinPoint - Full Stack Developer Intern

Sept - Dec 2022

- Launched **2 new features** to streamline property analysis and realtor communication, contributing 10+ React components
- Overhauled map interface usability, **boosting retention by 25%** for major clients including Sobey's and Tim Hortons
- Reduced **tech debt by 90%** by migrating from Reflux to Redux, and developed **WCAG 2.0 compliant** elements

Jamlabs Data Science - Software Engineer Intern

Jan - Apr 2022

- Iterated an E-commerce app for data transactions, modernizing **React** components to **cut fetch times by 20%** for 10+ clients
- Automated invoicing and financial paperwork using **Python** and Stripe, reducing processing times from 3+ days to 30 minutes

Self Employed - Full Stack Developer Intern

May - Aug 2021

- Architected and optimized a flexible task management platform, enabling efficient task categorization and **reducing load times by 50%**, while enhancing user interaction with **React, Node.js, MySQL**, and react-beautiful-dnd

Projects

react-bento-box - React, TypeScript, NPM, Rollup

[Link](#) / [Github](#)

- Developed a lightweight NPM library for creating highly customizable bento box layouts that enhance content organization, increase design flexibility, and promote aesthetic UI interfaces, leveraging TypeScript and React

Education

University of Toronto - Artificial Intelligence

2025 - Present

- Courses: Machine Learning, Deep learning, Intelligent Agents

University of Waterloo - Systems Design Engineering (BAsC), Computing Option

2019 - 2024

- Courses: Algorithm Design and Analysis, Data Structures and Algorithms, Fundamentals of Computational Intelligence

Interests and Hobbies

- Volleyball, Track & Field, Taekwondo, Board Games, 3D-Printing, DIY Keyboards, Video Editing & Vlogging