

# Keaton Lees

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## Technical Skills ~

**Frontend:** TypeScript, JavaScript, React, React Native, Next.js, Three.js, HTML5, CSS3, SCSS/SASS, TailwindCSS

**Backend:** Python, Node.js, C#, .NET, Express.js, Flask, Django, PostgreSQL, NoSQL, MongoDB, Firebase, Supabase

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

## Experience ~

### Althix (EliteAI) - Software Engineer

Mar 2025 - Present

- Engineering a high-performance mobile fitness app, enabling real-time performance tracking using React Native and Expo
- Created a scalable backend with C# and Entity Framework for athlete comparison and a gamified XP system to boost retention
- Established a social system to foster accountability and drive user engagement through shared progress and competition
- Crafted clean, responsive UIs with TailwindCSS to deliver clear, actionable insights into competitive performance metrics

### Stealth Startup - Full Stack Developer

June - July 2025

- Built a video generation engine for a Duolingo competitor, enabling scalable short-form content creation for language learning
- Designed a ChatGPT-style prompt interface using Next.js, allowing users to generate customized video scripts on demand
- Orchestrated scripting, narration and rendering with OpenAI, ElevenLabs and Lambda, generating 20-100 videos per batch

### Lees Solutions - Full Stack Developer

Sept 2024 - Present

- **Ediums:** A unique social media where communities expire without user interaction, promoting streak-based engagement
- **DaysLeftOf:** A fluid, user-friendly countdown app using Next.js and Supabase, enabling seamless creation and event sharing
- **Souvenr:** An AI-powered travel planner with optimized recommendations, leveraging React Native, Python, AWS, and OpenAI
- **GetWrapped:** An interactive web app to generate custom Spotify Wrapped-style recaps, using Next.js, MongoDB, and 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%

### PiinPoint - Full Stack Developer Intern

Sept - Dec 2022

- Launched 2 new features to streamline map usability, boosting retention by 25% for clients including Sobeys 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

- Enhanced 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

## Projects ~

### BlindBoxr - Next.js, Three.js, GSAP, TailwindCSS

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

- Designed and implemented an interactive 3D unboxing experience for digital blind boxes, featuring weighted randomness for item outcomes, built with Next.js, Three.js for 3D model rendering, and GSAP for timeline animations

## 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 & Hobbies ~

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