

Liam Huynh

Full-stack Developer

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EDUCATION

University of Toronto

Bachelor of Science in Computer Science and Mathematics

Firmware Specialist, University of Toronto Aerospace Team

Toronto, ON

Expected Grad: 2027

May 2025 – Jun. 2025

EXPERIENCE

Full-Stack Developer | TypeScript, React, Go, Redux, SQL, Tanstack Query

Jul. 2025 – Aug. 2025

TBSP Games

Toronto, ON

- Deployed scalable web applications using React/TypeScript frontend with Go/Fiber backend, delivering low-latency, client-focused experiences
- Enhanced development workflow and reliability by migrating tests from Jest to Vitest and implementing CI/CD pipelines, cutting test runtime by 60% and reducing release cycle time
- Improved DevOps efficiency and deployment reliability by containerizing frontend applications with Docker and orchestrating clusters via Kubernetes, streamlining CI/CD workflows and reducing environment-related errors by 40%
- Implemented lazy loading and code splitting, reducing initial bundle size by 40% and improving load times by 600ms for end-users
- Centralized application state with React and Redux, reducing potential UI inconsistencies across multiple data flows

PROJECTS

Game Design Blog | React, Typescript, Go, MongoDB, OAuth 2.0, Tanstack Query, Cloudinary

- Implemented OAuth 2.0 authentication with automatic token refresh for protected database operations
- Prevented 100% of malformed or unsafe inputs and reduced sign-up authentication errors by 25% by implementing validator.js and custom RegEx patterns for email validation
- Maintained MongoDB schemas and queries to store article data efficiently, improving data retrieval speed and scalability
- Integrated Cloudinary for media handling, reducing load times and improving cross-device performance

What To Eat - Food Discovery App | Next.js, Typescript, Go, OAuth 2.0, Shadcn UI, Framer Motion, PostgreSQL

- Delivered a responsive interface optimized for mobile and desktop users using Next.js and Shadcn UI, improving page load speed by 35% and increasing mobile engagement by 20%
- Implemented natural animations and micro-interactions via Framer Motion, reducing perceived latency by 20%
- Developed backend services with PostgreSQL to store user and friend data efficiently for low-latency queries
- Secured API calls with OAuth 2.0 and JWT token refresh, protecting sensitive data and ensuring safe client-server communication

Spotify Song Recommendations | React, Typescript, Go, RESTful APIs, Git, GitHub

- Built RESTful API endpoints to handle dynamic content and user interactions, supporting seamless client-server communication and secure data retrieval
- Streamlined code reviews and maintained clean release cycles through feature-branch workflows by utilizing Git and GitHub as primary version control systems

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Go, Java, C#, HTML5, CSS3

Frontend: React, Redux, Tanstack Query, Axios, Jest, ESLint, Framer Motion, Tailwind CSS, React Router, Next.js

Backend: Node.js, Express.js, Fiber (Go), RESTful APIs, JWT authentication, OAuth 2.0

Databases & Tools: PostgreSQL, MongoDB, Redis, Supabase, Git/GitHub, CI/CD, Jest/Vitest, ESLint, TDD, Cloudinary

Languages: English (Native), French (B2)