

Avery Chin

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Summary

Full-stack Software Developer with 2+ years of experience delivering production web applications using modern frontend and backend technologies. Proven ability to own features from concept through implementation, including building internal tools, improving workflows, and developing independent applications. Curious by nature, explore new technologies and engineering practices while seeking opportunities to contribute to impactful products and grow as an engineer.

Employment Experience

Junior Software Developer (On-Site)

May 2023 – Dec 2025

Toronto Business College (TBC), Toronto, ON

- Designed and implemented a co-op application tracking feature within an existing MERN internal platform, developing React interfaces and Express APIs to streamline application workflows for Career Services and support 300+ student applications each semester.
- Enhanced the college services portal used by 1,000+ students and staff by optimizing information layouts and improving usability across multiple administrative workflows.
- Replaced a manually executed scheduling synchronization script with an internal web interface, reducing manual steps and minimizing scheduling update errors during semester rollouts.
- Developed a photo-upload workflow for student registration that automated notifications and student card request exports between Student Success and the Registration Office, reducing manual coordination during peak registration periods.
- Diagnosed and resolved full-stack production issues, prioritizing critical fixes and delivering solutions within stakeholder timelines.

Coding Coach (Part Time - Remote)

Aug 2020 – Mar 2021

Hatch Coding, Toronto, ON

- Taught students fundamental coding concepts in JavaScript and Python by designing weekly lesson plans tailored to each student's learning pace and interest.
- Maintained regular communication with parents to provide progress updates while motivating students through project-based learning to increase engagement and build confidence in code.

Projects

April 2026 – Present

- Designed and developed ongoing full-stack movie club platform using Next.js, TypeScript, Drizzle ORM and Supabase, implementing modern web architecture patterns across authentication, data management, and deployment workflows.
- Implemented authentication and group invitation workflows using Supabase Auth and AWS SES, designing token-based invitation flows and data models to manage user onboarding and group access.
- Established a branch-based deployment workflow using Vercel with separate development, testing and production environments to validate features before release.

Arke News

May 2021 – Dec 2022

- Created a simple design system in Figma to establish consistent UI patterns across the website and application and improve the prototyping process.
- Developed the first MVP using React Native and Expo, launching on the Apple App Store within 2 months while building responsive mobile interfaces.

Education

Bachelor of Science (Hons) Computer Science

Sep 2018 – May 2022

York University, Toronto, ON

AWS Cloud Practitioner Certification

Jun 2026 – Jun 2029

Technical Skills

TypeScript, JavaScript, Python, SQL, React, Next.js, Tailwind CSS, Node.js, Express.js, REST APIs, PostgreSQL, MongoDB, Git/GitHub