

ANDY LE



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andy-tu-le



Andytle



andytle.github.io

TECHNICAL SKILLS

| | |
|----------------------|--|
| Frameworks: | React · Angular · Vue · Node · Express · Redux · RxJS · Knex · Jest · Next · Tailwind · jQuery · ASP.NET · .NET · Django |
| Languages: | TypeScript · JavaScript · Python · C# · Java · SQL · HTML · CSS · SASS Swift · PHP · Scheme · C++ · Kotlin · C |
| Technologies: | Git · Postgres · SQL Server · Android Studio · Xcode · Unity · Visual Studio · Docker · Postman · Jira · Dynamics 365 · Lint |

PROFESSIONAL EXPERIENCE

Dayforce - Software Engineer Intern

Sept 2023 - Present

Toronto, ON

- Automated unit tests for UI components, reducing debugging time by developing mock test suites, integrating tests into a CI/CD pipeline, and implementing a test reporting system. **[Jest, Lint]**
- Refactored and redesigned the employee benefits setup process to reduce configuration process by 2 pages, by developing a compressed benefits setup terminal component **[.Net, React, SCSS]**

Tesla - Software Engineer Intern

Jan 2022 – Dec 2022

Fremont, CA

- Increased daily service center productivity by **13%** by implementing a workplace gamification system, tracking and analyzing vehicle technician performance data, displayed in a scoreboard solution **[.NET, React, Semantic UI]**
- Spearheaded the development of a locale-based microservice component, enhancing language support for the Tesla Servicing Center management system through the utilization of HTTP and NGX-Translate **[Node]**
- Streamlined service technician workflow by automating routine processes, reducing navigation steps and organizing system data through implementing custom command shortcuts and an accessible table system for clients and inventory **[Angular, Material UI]**

Caliber Communications - Full Stack Developer Intern

Sept 2021 – Dec 2021

Stoney Creek, ON

- Optimized the workflow efficiency of security application users by **15%** through the development of personalized dashboard interfaces, making use of web sockets for constant device data updates, and implementing system alerts **[Angular, RxJS]**
- Incorporated additional functionality into the dashboard, assisting the security team in seamlessly monitoring and controlling the surveillance system by implementing various web component widgets and APIs for controlling security devices. **[Express, Knex]**
- Deployed automated SQL scripts to maintain database integrity by purging **3.5 TB** of obsolete assets through periodic scanning and filtering of outdated assets, logging system notifications, and compressing large files **[Postgres]**
- Deployed a secure and scalable security reporting system with enhanced performance and reliability by leveraging containerization, traffic routing, and SSL termination **[Docker, Nginx]**

Evenica - Web Developer Intern

May 2021 – Aug 2021

Burlington, ON

- Revamped e-commerce UI, enhancing accessibility and reducing frontend codebase by 35% through the development of a web component library, enabling plug-and-play configuration and client business customization features **[React, Dynamics 365]**
- Implemented a secure payment terminal to establish a resilient payment pipeline, ensuring the integrity of client payment data through the integration of Adyen's payment API with our dedicated payment microservice **[.Net]**

PROJECTS

Rate My Course

- Developed and deployed web app to simplify course selection. Empowered users to share feedback, seek advice, and engage in community forums, resulting in enhanced transparency and informed decision-making **[React, PHP, MySQL]**

EDUCATION

Software Engineering Technology Co-op (B.Tech.)

Expected Graduation - 2026

McMaster University, Hamilton, ON

Computer Systems Technology Software Development

2019 - 2023

Mohawk College, Hamilton, ON