

# ANDY LE



(905) 923 - 1997



Andytule321@gmail.com



andytule



andy-tu-le

## 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 · 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

### Ceridian - 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]**

### 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 the customer shopping experience for increased ease of accessibility by modernizing the e-commerce website through updated web components and personalized marketing assets **[Dynamics 365]**
- Reduced the frontend codebase of the e-commerce solution by **35%** by streamlining development through customizable component templates and creating a plug-and-play UI library **[React]**
- Implemented a payment terminal, providing a secure payment pipeline and ensuring the safety of client payment information by configuring the payment connector component using Adyen's API **[.Net]**

## PROJECTS

### CareGo Tek Inc. - Truck Loading Visualizer

- Optimized the warehouse operator's loading process, reducing the time spent configuring cargo on the truck bed, by developing an algorithm to organize cargo items and providing step-by-step visualization for truck loading **[Unity]**

## EDUCATION

### Computer Systems Technology Software Development

2019 - 2023

Mohawk College, Hamilton, ON