

# Veer Khurana

647-323-2727 • veer.khurana@uwaterloo.ca • github.com/VeerKhurana • 4th Year Engineering

## EDUCATION

University of Waterloo | B.A.Sc. in Electrical Engineering

Graduation: April 2025

- Relevant Courses: Data Structure & Algorithms, Advanced Computer Networks and Algorithm Design & Analysis

## SKILLS

<b>Programming</b>	JavaScript, Python, PHP, C++, TypeScript, SQL, HTML/CSS	<b>Tools</b>	Docker, AWS, Swagger.io, GCP, Jira, Gulp.js, Git, PostgreSQL, Postman, Kibana
<b>Web-Development</b>	Node.js, Ionic, Next.js, Vue.js, EJS, Symfony, Drupal, LAMP, jQuery	<b>Electrical</b>	Circuit Design, Soldering, LTSpice, Proteus, ETap, TinkerCAD, UART

## EXPERIENCE

### Founding Software Engineer

January 2024 - December 2024

Athenty | Toronto, ON

- Designed and implemented a dynamic form solution for **Android/iOS** apps using **Ionic** and **Node.js API** endpoints, eliminating the need for app recompilation and enabling instant form updates
- Automated PDF generation using **Node.js PDFKit** to summarize ID verification results from **Amazon Rekognition** and **LocalAI**, including OCR and liveness/biometric data, ensuring compliance with the client's regulations
- Accelerated ID verification speed by **5x** through the development of a localized, secure mobile wallet leveraging **Ionic** and **AES encryption** for **iOS/Android** enhancing customer experience and satisfaction

### Full Stack Engineer

January 2023 - August 2023

Sipstack | Toronto, ON

- Developed robust **REST API** endpoints in **Node.js** to efficiently manage user data ensuring scalability
- Engineered an interactive user portal with **EJS/JQuery** enabling seamless form submission and profile progress tracking
- Utilized **Ionic Framework** to build a responsive user portal mobile application for **iOS** and **Android**

### Software Engineer

May 2022 - August 2022

Mobials | London, ON

- Automated the process to update clients' Place IDs using **Google's Places API** and **PHP Symfony**
- Optimized client onboarding by developing Excel parsing scripts to populate **Amazon DynamoDB** with client details

### Agile Software Engineer

September 2021 - December 2021

TribalScale | Toronto, ON

- Built a **Vue.js** dashboard leveraging **Runn.io** & **Chart.js** to visualize the availability & programming skills of engineers
- Developed **REST APIs** that manage shared documents between customers and clients using **Node.js** and **Swagger.io**
- Increased test coverage by **34%** through implementation of end-to-end & behavioral testing using **Gherkin**

### Full Stack Engineer

January 2020 - April 2020

Bell Canada | Toronto, ON

- Built an analytics dashboard that provides an overview of Bell's devices and network statistics leveraging **LAMP** stack
- Successfully utilized live Bell data, **Leaflet** and **Twilio** to create a network outage heat map and alert system
- Created a recommendation model that allowed Bell to decommission **200+** devices by suggesting where to migrate users

## PROJECTS

### TheCarApp

Next.js, Node.js, Supabase

- Two-sided marketplace connecting vehicle owners with automotive service providers like mechanics and detailers

### Epilepsy Safe Viewer - Hack the 6ix Winner

Azure AI, OpenCV, Flask, TypeScript

- Google Chrome extension to filter bright and flashing content in YouTube videos for epileptic-friendly viewing