

Armen Merzaian

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TECHNICAL SKILLS

Programming Languages

JavaScript, HTML, CSS, Sass, Java, C++, GraphQL, SQL

Major Frameworks

React.js, NodeJS, TailwindCSS, Flutter, Xamarin

Tools

Git, Jira, Firebase, Vercel, Unix, Clang

WORK EXPERIENCE

Front End Web Developer

September 2022 - December 2022

First Picture Frame Warehouse

 [/first-picture-whse](https://first-picture-whse.com)

 [/first-picture-whse](https://github.com/first-picture-whse)

Toronto, ON

- Developed a **static website** using **React.js**, **Gatsby**, **TailwindCSS**, and custom **HTML** and **JavaScript** modules.
- Created responsive UI with **wireframes** and **prototyping** to support **mobile-first** design paradigms.
- Leveraged **Gatsby SSG** to deliver a performance score of **94** on Google's PageSpeed Insights.

SOFTWARE PROJECTS

Seneca Social

Flutter, Dart, Firebase, Firestore

 [/projects/seneca-social](https://projects/seneca-social)

 [/seneca-social](https://github.com/seneca-social)

April 2022 - Present

- Leading** the development of a full-stack Android social app with **Flutter** and **Dart** designed for scalability to **30,000+** users.
- Implementing **real-time database** operations, **cloud-messaging** and **media storage** with **Firebase** that enables students from different campuses who have similar education and career paths to connect, share, and communicate.
- Managing** the team's progress, coordinated the **git workflow** and collaborating with designers to increase productivity **200%** week over week.
- Conducting **research** and gathered feedback on **100+** participants to improve **user-experience**.
- Collaborating** with engineers to develop the system using **GOF design principles** in **UML** flowcharts.

Android Calculator

Android SDK, Java, Material Design

 [/projects/android-calculator](https://projects/android-calculator)

 [/androidcalculator](https://github.com/androidcalculator)

January 2023

- Developed a native calculator application in Java, Android API 33.
- Wrote a custom **arithmetic algorithm** that preserves order of operations for accurate results.
- Designed with Google's Material UI system and inspired by Apple's UI guideline.

Weather App

React, RESTful API, Bootstrap CSS

 [/projects/weather-app](https://projects/weather-app)

 [/weather-app](https://github.com/weather-app)

February 2022

- Developed a web application with **React** in **JavaScript** that performs **RESTful** queries to the **OpenWeatherMap API** and displays to a responsive interface built with **Bootstrap CSS**.
- Implemented **geolocation** and a **search** function that returns results organized with **pagination**.

EDUCATION

Seneca College | Software Development, Honors Bachelor of Technology

Graduating August 2024

cGPA: 3.5

- Relevant Coursework:** Design Patterns in UML, Web Applications & Security, Native Mobile Development, Multimedia User Interfaces, Information Security, Database Design, System Analysis, Agile Methodologies, Data Structures and Algorithms, Software Engineering Principles.
- Academic Recognition:** President's Honour List.