AJAI KAMARAJ

# SKILLS

* HTML| CSS3 | JavaScript | XML | C# | C++ | MYSQL | .NET | MVC | Node.js | React | Java
* Android Development | Adobe XD | Firebase | MongoDB | Stripe | | Flutter |Spline 3D
* Adobe XD |Adobe Photoshop| SEO | Business Development | WordPress | WooCommerce|
* TypeScript| Tailwind CSS | SASS |

# PROJECTS

## Fusion Clothing (Android Application Development)

Technologies Used: **Java, Firebase Realtime Database, Firestore, Google Authentication, Stripe Payment Integration**

* Developed an Android-based e-commerce application to facilitate online clothing shopping.
* Used Java for the app's core functionality, with Firebase Realtime Database and Firestore to manage product and user data in real time.
* Implemented Google two-step authentication for secure login, enhancing user data protection.
* Integrated Stripe payment gateway to enable smooth, secure transactions for users.

## Driving Test Booking Website (Full stack Application)

Technologies Used: **HTML, CSS3, JavaScript, Node.js, Express, MongoDB**

* Designed and developed a website to allow users to book driving test appointments online.
* Built the front end with HTML, CSS3, and JavaScript to create an interactive, responsive interface.
* Developed the back end using Node.js and Express, ensuring smooth server-side operations.
* Managed user data and appointments with MongoDB, providing a scalable and efficient database solution.

## Movie Master (ASP.NET Web Application)

Technologies Used: **ASP.NET, MVC, C#**

* Created a movie ticket-selling website as part of my final semester project.
* Employed the Model-View-Controller (MVC) pattern with C# and ASP.NET to structure the application, ensuring maintainability and scalability.
* Implemented user account management, ticket booking, and payment processing functionalities, providing a complete solution for movie ticket sales.

## Craft Voyage (Capstone Project – E-commerce Website)

Technologies Used: **HTML, CSS3, JavaScript, Stripe Payment Gateway, Chatbot**

* Developed a crafts-selling website for the final capstone project, including features like product browsing, cart management, and secure payments.
* Integrated a Stripe payment gateway for secure online transactions.
* Added a chatbot to provide automated customer support, enhancing user engagement and experience.

## Food Mart (Food Delivery Android Application)

Technologies Used: **Flutter**

* Designed and developed an Android food delivery application using Flutter, ensuring cross-platform compatibility.
* Focused on creating an intuitive and user-friendly interface for customers to browse restaurants, place orders, and track deliveries.
* Implemented real-time order updates, location tracking, and payment integration to provide a seamless food delivery experience.

**Backpack Bazaar (PHP-Based E-commerce Website)  
Technologies Used:** PHP, MySQL, Bootstrap

* Built a fully functional e-commerce platform to facilitate online backpack sales.
* Integrated a secure admin panel to efficiently manage inventory, customer data, and orders.
* Optimized the website for responsiveness and cross-browser compatibility.

**Dynamic Registration System (.NET Web Application)  
Technologies Used:** ASP.NET, C#, SQL Server

* Developed an interactive registration system using the .NET framework to streamline data collection.
* Enabled real-time validation and secure database storage for user inputs.
* Designed intuitive UI/UX to ensure participants' ease of use.

**Card Game (JavaScript-Based Web Game)  
Technologies Used:** HTML, CSS, JavaScript

* Created an engaging browser-based card game with interactive features.
* Utilized JavaScript to handle game logic, animations, and user interactions.
* Incorporated responsive design for seamless gameplay across devices.

#### Portfolio Website (Interactive Personal Portfolio)

**Technologies Used:** React, TypeScript, Tailwind CSS, React Three Fiber, React Spring, Spline 3D

* Designed and developed a highly interactive personal portfolio website showcasing professional projects and skills.
* Utilized **React Three Fiber** and **Spline 3D** to create advanced animations and a unique 3D user interface.
* Integrated dynamic 3D parallax effects, cursor animations, and interactive timeline features.
* Added innovative graphical elements, such as glowing timeline beams and 3D profile highlights, to enhance user experience and engagement.
* Implemented responsive design, ensuring seamless accessibility across devices.

## CERTIFICATIONS & COURSES

* Full stack web application from scratch using Mongo DB, .NET Core Web API and Angular 12 - Udemy
* Foundations of Front-End Web Development – Udemy.

# EXPERIENCE

**DHL SUPPLY CHAIN** *Brantford, CA* **10/2023 - 11/2024**

## Inventory Management / Order Filling

* Leveraged **Prime Software, RTCIS, SMARTOPS** and **JDA Software** for inventory tracking and logistics management, ensuring streamlined workflows and data accuracy across systems.
* Managed and maintained comprehensive digital inventory records, performing daily audits to ensure precise stock levels and optimize storage efficiency.
* Processed, filed, and digitized invoices, performing inventory adjustments in database systems to ensure
  + clear, accessible records for performance reporting and data audits.
* Oversaw order picking, packing, and digital tracking for outbound shipments, ensuring error -free and efficient logistical operations within the ERP system.

## ALUE GLAZERS ALUMINUM ARCHITECTURAL PRODUCTS *India* 6/2018 - 1/2022

**Customer Service and Business Development**

* Used **CRM software** to analyze client interactions, fostering client satisfaction through data-driven insights and proactive solutions.
* Streamlined vendor management with data analysis, ensuring quality materials and efficient workflows.
* Designed, developed, and maintained the company’s website using **HTML, CSS, JavaScript, bootstrap and CMS** tools on platforms like India Mart, improving user experience and brand visibility.
* Created impactful digital marketing materials, boosting brand visibility and client engagement.
* Managed detailed project records in project management software, supporting accuracy and quality control.

# EDUCATION

**Conestoga College** *Kitchener, CA* **1/2023 – 4/2024**

* Post Graduate Diploma Certificate in Web Development **(3.2 GPA)**