

AJAI KAMARAJ

[linkedin](#)[Portfolio](#)[Github](#)[email](#)

SKILLS

- **Programming Languages:** Java, C++, C#, TypeScript, JavaScript, HTML5, CSS3
- **Frameworks & Tools:** React, Node.js, ASP.NET, Flutter, Next.js, Tailwind CSS, Three.js
- **Database Systems:** Firebase, MongoDB, MySQL, SQL Server
- **Concepts:** Object-Oriented Programming (OOP), MVC Architecture, UML Design, Cloud Hosting (Firebase), RESTful APIs
- **Other Tools:** Spline 3D, Framer Motion, Adobe XD, Stripe Payment Integration

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 manage inventory, customer data, and orders efficiently.
- 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, Next.js 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**)