

Eric Morrison

(778) 239-4062 | eric_m250@outlook.com | <https://github.com/interestedinbread> <https://eric-morrison-portfolio.vercel.app/>

Self Taught Full Stack Developer building responsive web applications with emphasis on code maintainability, AI integration, and data-rich interfaces. Built and deployed 3 websites for local businesses in 2025.

Selected Projects

Policy Boi — RAG Powered Insurance Policy Analysis Platform

React, Node.js, Express, PostgreSQL, ChromaDB, OpenAI API, LangChain, Tailwind CSS, React PDF

- Enabled high-relevance, confidence-scored LLM responses using custom prompt structure integrated with grounded source of vector embeddings.
- Enabled accurate and performant data retrieval by implementing a document processing pipeline including parsing, text chunking, embedding generation, and vector db storage.
- Reduced API costs and improved performance by implementing in-memory caching for user queries.
- Implemented multiple RAG-powered features including policy Q&A, multi policy comparison, and claim checklist generation.

Full Snack — AI-Powered Meal Generator App

React, Node.js, Express, PostgreSQL, OpenAI API, Tailwind, Render

- Enabled dynamic meal suggestion generation with custom prompt structure configured to provide structured JSON data cleaned and parsed by backend.
- Developed a responsive shopping list that syncs with meal suggestions through React state management and real-time database updates.
- Greatly improved code maintainability by centralizing rendering logic with modular, reusable components.
- Enhanced UX by implementing multiple input interfaces for meal generation and adding Framer Motion animations throughout UI.

Do Date — SMS Reminder App

React, TypeScript, Tailwind, Express, AWS Cognito, DynamoDB, EventBridge, Lambda, Twilio

- Ensured timely project completion by pivoting from an exclusively AWS backend to a hybrid approach using Node and Express backend with Twilio API.
- Enabled accurate reminder delivery by implementing timezone-aware scheduling logic.
- Achieved customized, secure phone number authentication by combining Cognito, Dynamo, and Twilio services.

Tools and Applications

Javascript, Typescript, HTML, CSS, React, Node.js, Express, Tailwind CSS, PostgreSQL, REST APIs, LangChain, RAG pipelines,

Education

2013

Bachelor of Arts in Literature and History — Concordia University, Montreal

2018

Post Graduate Certificate in Education — University of Nottingham (Online)

Professional Experience

English, Literature, & History Teacher — Shanghai, China

2013 – 2023

- Developed engaging lessons focused on analytical thinking and clear communication.
- Adapted complex ideas for diverse learners — a skill that now informs my development and collaboration style.