

# Brendon Luicien - Aspiring Software Developer

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## PERSONAL PROFILE

Enthusiastic IT professional transitioning into software development with a solid foundation in full-stack technologies. Leveraging self-study, certifications, and hands-on projects to deliver value in an entry-level developer role. I am passionate about coding, problem-solving, and innovative tech solutions.

## SKILLS

**Advanced:** JavaScript, Node.js, React, Express.js

**Intermediate:** C#, PostgreSQL, MySQL, Git

**Beginner:** TypeScript, .NET, Next.js, Docker, Azure, Gemini API

## PROJECTS

NOV 2024 – PRESENT

### PERSONAL PROFILE WEBSITE | SELF-DIRECTED

- Built a responsive React portfolio frontend (CV, project showcase, live chatbot) and deployed it to Azure, with a cloud-native backend CI/CD roadmap.
- Architected a modular backend in C# .NET Core + Express (TypeScript) to support future AI, vector search, and SQL Server logging.
- Integrated Gemini-powered chatbot feature that scrapes site content for contextual Q&A.

**Tech Stack:** React.js, C# .NET Core, Express.ts, TypeScript, SQL Server, Gemini API, GCP Vertex AI

JUN 2025 – JUL 2025

### TRADEME REDESIGN | MISSION READY HQ

- Collaborated with an Agile team (GitHub workflows) to translate stakeholder briefs into user stories and prioritize bidding-flow improvements.
- Redesigned TradeMe's auction UI based on feedback—enhancing clarity and reducing friction—and implemented MongoDB transactions to eliminate race conditions.
- Architected and normalized database schemas to support high-volume bidding interactions.

**Tech Stack:** MongoDB, Mongoose, Express.js, React.js, Gemini API

JUN 2025

### **SEEDING TOOL & AI POWERED SEARCH | MISSION READY HQ**

- Engineered a CLI data seeding tool with dual interaction modes: menu-driven via Inquirer.js and classic command-line input for user flexibility.
- Designed a search API integrating NLP capabilities using Gemini's Function Calling; enabled dynamic interpretation of user queries and routed results through context-aware search logic.
- Focused on modularity and developer experience, ensuring ease of use and extensibility across multiple environments.

**Tech Stack:** MongoDB, Mongoose, Express.js, React.js, Gemini API, CLI

MAY 2025 – JUN 2025

### **INSURANCE CONSULTANT CHATBOT | MISSION READY HQ**

- Translated briefs into user stories and engineered Gemini prompts to enforce business logic and maintain contextually relevant dialogue.
- Designed secure MongoDB schemas for credentials & chat history, applying strict type enforcement with TypeScript + Zod.
- Configured Docker Compose for one-command local deployment, ensuring consistent developer environments.

**Tech Stack:** MongoDB, Mongoose, Express.ts, React.ts, Gemini API, TypeScript, Zod, Docker Compose

SEPT 2024 – DEC 2024

### **SCHOOL E-LEARNING PLATFORM | MISSION READY HQ**

- Collaborated with a development team to design relational SQL schemas supporting secure user authentication and dynamic content delivery.
- Built and optimized multi-parameter SQL queries for a flexible filtering system across course modules and user roles.
- Applied key security principles during backend development to ensure safe handling of user data and prevent injection risks.

**Tech Stack:** PostgreSQL, Express.js, React.js

MAY 2024 – NOV 2024

### **FULL-STACK E-COMMERCE PROTOTYPE | CODECADEMY CAPSTONE**

- Designed a multi-table PostgreSQL schema for users, products, orders, and inventory with optimized joins and constraints.
- Built a Next.js frontend (Redux for state) and Express.js backend (Redis for session persistence across client/server).
- Deployed a 4-service micro-architecture on Render (frontend, API, PostgreSQL, Redis); slated for UI/accessibility refinements and session-flow fixes.

**Tech Stack:** Next.js, Express.js, PostgreSQL, Redis, Redux, Render

## WORK HISTORY

JAN 2021 – PRESENT

### **CUSTOMER & OPERATIONS SUPPORT | COMPUTER DYNAMICS LIMITED**

- Oversaw product returns and quality checks, reducing customer complaints and ensuring sellable standards.
- Resolved order discrepancies via internal software and streamlined inventory workflows for accurate, timely dispatch.
- Provided phone-based technical support, troubleshooting client issues to maintain high satisfaction.
- Authored and maintained SOPs to standardize processes and accelerate new-hire training.

MAR 2020 – JAN 2021

### **PICK & PACKER | ADVANCED PERSONNEL SERVICES LIMITED**

- Supported stock replenishment and inventory control across foods and electrical wholesale sectors.

## EDUCATION

JUL 2024 - PRESENT

### **DIPLOMA IN SOFTWARE ENGINEERING | MISSION READY HQ**

- Learned fundamentals of full stack web development using React and Express frameworks, and MySQL for database.
- Collaborated in a team using GitHub to develop a full stack web application for a final project of my first semester.

DEC 2023 – PRESENT

### **FULL STACK ENGINEER | CODECADEMY**

- Worked on projects: React web app, Reddit clone, Full-stack e-commerce website using Next.js, Express.js, PostgreSQL.

(COMPLETED) 2023

### **GOOGLE IT SUPPORT CERTIFICATE | COURSERA**

- Covered technical support, networking, operating systems, system administration, IT security.

(COMPLETED) 2023

**IBM FULL STACK SOFTWARE DEVELOPER CERTIFICATE | COURSERA**

- Completed 10 fundamental courses and a final assessment.
- Developed web applications using NodeJS, React, Flask, and Django.

MAR 2012 – NOV 2015

**BACHELOR OF ENGINEERING (HONS) | AUCKLAND UNIVERSITY OF TECHNOLOGY**

- I specialized in Mechanical Engineering and learned some Electrical Foundations.
- Developed functional models using CAD software.
- Collaborated with a team to engineer a customized cement truck to meet client needs.

**INTERESTS**

In my free time, I enjoy gardening, working out, playing video games, reading comics, and watching anime. I am competent in reading and speaking Japanese, a skill honed through my hobbies. Recently, I have found a new passion for IT, which led me to seek a new career in software and cloud engineering. I also dabble in game development as a hobby, experimenting with various game engines and creating small projects to sharpen my coding skills and creativity.

**REFEREES**

Available upon request.