

Edward Zieleniewski

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WORK EXPERIENCE

Freelance Full Stack Developer | *Metro Fluid Power*

February – March 2025

- Developed a **CRUD-based inventory management system** to showcase and filter products efficiently.
- Implemented features for **adding, deleting, and modifying inventory items** to streamline product management.
- Built and demonstrated the system as part of an agreed-upon engagement, though not officially hired.

PROJECTS

PokerBot | *Next.js, TypeScript, Python*

August 2024

- Collaborated with an AI developer to improve AI-controlled bots' decision-making, achieving a **40% enhancement** in strategic gameplay.
- Designed and developed a **turn-based poker game** using Next.js, implementing game logic and AI responses for a seamless user experience.

FormResponse | *TypeScript, WebHooks, Tailwind CSS, Google OAuth*

July 2024

- Created a **markup editor** for customizable form creation and sharing, offering flexible styling options.
- Deployed the application to serve **10 monthly users**, leveraging WebHooks for automation and streamlined integration.

BroLifts | *TypeScript, Google OAuth, SvelteKit, PostgreSQL, Tailwind CSS*

June 2024

- Developed a **Progressive Web App (PWA)** with CRUD operations and user authentication for personalized data management.
- Built a **serverless architecture**, styled with Tailwind CSS, and utilized a hosted PostgreSQL database for smooth performance.

GorillaType | *Vue.js, FullStack*

March 2024

- Achieved **60 active users in the first month**, maintaining steady engagement with 20+ monthly users.
- Integrated a dynamic typing game with real-time feedback and text overlays for an engaging user experience.
- Optimized PostgreSQL queries for efficient data storage and user interaction.

Fun Fact Chrome Extension | *JavaScript, Chrome Runtime/API, GoLang REST API*

March 2024

- Developed a platform to display randomly ordered fun facts sourced from a **public GoLang API**.
- Utilized Chrome Runtime to ensure fast and reliable API request handling for a smooth user experience.

Food/Meal Macro Counter | *TypeScript, AI Queries, Firebase, MongoDB*

February 2024

- Implemented **real-time updates** for dynamic and interactive user feedback.
- Integrated an **AI-driven chatbot (ChatGPT)** to deliver personalized responses and enhance functionality.

TECHNICAL SKILLS

Languages: TypeScript, Python, JavaScript, HTML/CSS, GoLang, Java

Developer Tools: Next.js, Vue.js, SvelteKit, GitHub, Deployment, PostgreSQL, MongoDB, Drizzle, Docker, React, Jupyter, Spring Boot

Concepts: Serverless Architecture, Full-Stack Development, Frontend, Backend, CRUD, Game Development, REST API, Software Engineering

EDUCATION

Self-Taught Developer

2022–Present

Project-Based Learning

The Complete 2023 Web Development Bootcamp

2022–2023