MATTHEW GAJO

matthew.gajo@gmail.com • (240) 220-4816 • <u>Portfolio Website</u> • Frederick, MD

Skills

Languages & Skills: JavaScript, TypeScript, Swift, SwiftUI, Python

Tools & Frameworks: React, NextJS, GatsbyJS, XCode, MongoDB, SQL, Linux, Tailwind CSS, Supabase, Figma, Framer Motion

Projects & Work Experience

Full-Stack Developer | Debloat Buddy   Jan 2025 - Present

Swift, SwiftUI, Firebase, OpenAI API

- Operated as the **sole engineer** on an AI-powered iOS gut health app, **collaborating with the co-founder of** <u>MinutesAI</u> to integrate OpenAI for image-based food analysis, symptom tracking (mood, acne, bloating), and real-time nutritional recommendations.
- Integrated a seamless user experience with **in-app payments, real-time logging, and daily symptom tracking** for mood, acne, and bloating.
- Implemented **AI-powered feedback** that not only scores foods for gut health but also suggests healthier alternatives, improving user dietary decisions.
- Architected the app **entirely in SwiftUI and Firebase**, achieving a clean, performant, and scalable backend with modern Apple frameworks and real-time data handling.

Full-Stack Developer | TokenVerify Platform   Feb 2025

TypeScript, MongoDB, Ethers.js, Node.js

- **Paid to independently develop** a token verification tool enabling users to verify their Ethereum token holdings by sending a refundable ETH payment (minus gas/fees), unlocking access to gated Discord channels based on real-time wallet balances.
- Engineered **wallet tracking and event listening logic** to dynamically monitor token transfers, flagging when users sold or acquired more tokens, and maintaining up-to-date access permissions.
- Built support for **multi-wallet aggregation**, allowing users to combine multiple addresses toward a single access threshold without compromising wallet security.
- Implemented premium access options for direct ETH-based payments, with all wallet and transaction data stored securely in MongoDB, and interactions handled via ethers.js and custom backend logic.

HipNode - Forum Web Application

TypeScript, JavaScript, NextJS, React, MongoDB, HTML5, CSS3, TailwindCSS, ShadCN

- HTML Validation and Secure Login/Sign Up using Clerk and MongoDB.
- Implementation of signals and other technologies to allow for online status and real time messaging.
- Developed in **Collaboration with 4 other team members**, taking on the role of team leader, helping my other members learn and accomplish their goals/work on time.
- Apapted to new technology such as Next Server Actions, made possible due to active learning and innovation from all team members.
- Implemented Groups where you could join or create a community.
- Podcasts where we allow users to upload and post podcasts for all to listen.
- Customizable profile which keeps track of a users following, followers, posts and likes.

Morrent - Car Rental Web Application

TypeScript, JavaScript, NextJS, React, HTML5, CSS3, TailwindCSS, Radix-UI, HeadlessUI, Framer Motion

- A cutting-edge car rental application that was **developed using the MERN stack**. The app boasts a dynamic homepage that showcases featured vehicles, along with convenient pickup & drop-off location options & a comprehensive list of available cars.

- Utilized different technologies in order to provide the best user experience, with **high optimization.**
- **Perfect Google Lighthouse scores**, which are determined by performance, SEO, and accessibility.
- **Developed from start to finish in one month, collaborating with 3 other team members**
- Developed with a **modern technology stack**, such as **Supabase**, **NextJS**, **TypeScript**, **React**,
- **Agile Development** process in order to ensure best practice, optimization and performance. As well as growing as a developer and learning new technologies.

MeeFirst - Discord Multi-Purpose Bot

JavaScript, Node.js, Discord.js, Fetch, MongoDB
- Designed and maintained a scalable, feature-rich Discord bot serving **4,000+ users**, supporting utility commands, moderation tools, and custom features.
- Implemented key features including **music playback, role menus, server leveling, VC-based XP system, anonymous reporting/feedback, and on-demand voice channel spawning** triggered by user joins.
- Deployed on an **always-on Ubuntu VPS (OVHCloud)** with robust error handling and auto-recovery mechanisms to ensure 99.9% uptime.
- Utilized **Discord.js** and **MongoDB (via Mongoose)** to build a modular, extensible architecture, enabling fast iteration and customization for evolving server needs.

Education

JSM Master Class, Full Stack Web Development	July 2023 — Dec 2023

HarvardX, Computer Science Certificates

Web Development Certificates, FreeCodeCamp