

# Nisal Attanayake

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## SOFTWARE ENGINEER

Passionate software engineer with experience in full-stack development, API integration, and data-driven solutions. Strong foundation in JavaScript, Python, and SQL, with hands-on experience in building diverse projects, including AI chatbots, budgeting apps, and simple game development. Skilled in training AI models, analyzing code quality, and optimizing AI-generated outputs through professional experience.

## EDUCATION

**University of Maryland Global Campus**, Computer Science B.S.

*Remote: 09/2024 - Current*

- Junior maintaining a 4.0 GPA

**General Assembly**, Software Engineering Immersive

*Certificate Earned: 12/2023*

## SKILLS

Javascript, HTML, CSS, Python, R, SQL, Java, React, Django, Express, Node.js, Visual Studio Code, GitHub, Google Cloud Build, MongoDB, PostgreSQL, AutoCAD, Eclipse, Wix, Typescript, Next.js

## WORK EXPERIENCE

**My Refuge Mission - Web Developer/Admin**

*Remote , 01/2024 - Current*

- Hired as a developer and web administrator to maintain and expand an existing Wix-based website.
- Created and deployed new pages, updated content, and improved site layout using Wix Editor and Velo (developer mode).
- Utilized Wix's built-in tools and custom code to implement site enhancements and troubleshoot user-facing issues.
- Provided ongoing troubleshooting, performance monitoring, and UI/UX improvements.

**DataAnnotation - AI Trainer**

*Remote , 02/2024 - Current*

- Designed and tested complex coding prompts to enhance AI-generated code quality and accuracy.
- Reviewed and evaluated AI-generated responses, identifying inconsistencies and improving overall model performance.
- Provided detailed feedback by rewriting incorrect or inefficient AI-generated code to align with best coding practices.

**General Assembly - Software Engineering Immersive**

*Remote , 09/2023 - 12/2023*

- Successfully completed 500+ hours of expert led instruction in front and back-end development.
- Developed projects to apply hands-on learning of Javascript, CSS, HTML, Python, SQL and related frameworks/libraries.

## SOFTWARE ENGINEERING PROJECTS

**Web Developer/Admin - My Refuge Mission** | [Visit Site](#)

- Hired as a developer and web administrator to maintain and expand an existing Wix-based website.
- Created and deployed new pages, updated content, and improved site layout using Wix Editor and Velo (developer mode).
- Utilized Wix's built-in tools and custom code to implement site enhancements and troubleshoot user-facing issues.
- Ensured consistent performance, visual consistency, and alignment with the organization's goals across updates.

**Full-Stack Developer - BoomerBot - AI ChatBot** | [GitHub](#) | [Visit Site](#)

- Developed a full-stack AI chatbot leveraging the Gemini API for natural language processing and custom model tuning.
- Implemented secure user authentication with a custom login/sign-up system and session management using MongoDB.
- Demonstrated proficiency in full-stack development, third-party API integration, and user-centric AI design.

**Django Developer - Twitter/Hinge Clone (Together)** | [GitHub](#) | [Visit Site](#)

- Built a full-stack social media web app with user authentication, profile management, and content feeds using Django and PostgreSQL.
- Implemented key social features: follow/unfollow users, post messages, like/unlike posts, and comment functionality.
- Developed secure user flows for sign-up, login, password updates, profile editing, and account deletion.