

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 (Togethr) | [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.