ADRIANA ITO

SOFTWARE ENGINEER

Crafting the future of web experiences with code and creativity.

Collaborative and endlessly curious.

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adrianaito.com   ito.dri@gmail.com   linkedin.com/adriana–ito   github.com/Adrianaito

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WORK EXPERIENCE

SOFTWARE ENGINEER | MATINNO | JANUARY 2023 - PRESENT

Responsibilities:

- **Technical Leadership:** Guided the backend development team with architectural decisions, code reviews, and best practices to ensure high-quality software development.
- **API Development and Integration:** Designed and implemented RESTful APIs, enabling seamless interaction between the frontend application and the underlying database, enhancing the user experience and platform efficiency.
- **Database Design and Management:** Oversaw the creation of a scalable PostgreSQL database schema that efficiently manages vast amounts of materials data, user profiles, and transaction histories, ensuring data integrity and rapid access.
- **Infrastructure Management:** Led the deployment and scaling of backend services on AWS using RDS for database management and Fargate for containerized application deployment, focusing on high availability, security, and scalability.

SOFTWARE ENGINEER | SIVENTH | APRIL 2022 - DECEMBER 2023

Responsibilities:

- **Backend Development:** Spearheaded the creation of robust backend APIs using Python with the Flask framework, ensuring seamless data handling and efficient system functionality.
- **Database Management:** Utilized PostgreSQL for database needs, hosted on AWS RDS, to manage extensive user data and analytical metrics securely and efficiently.
- **Deployment and Scalability:** Responsible for deploying the application on AWS EC2 instances, emphasizing scalability and reliability in a cloud environment.
- **Frontend Development:** Actively contributed to the frontend development using React, creating an intuitive and responsive user interface that seamlessly integrates with backend services.

VOLUNTEER FULL STACK DEVELOPER | AVC | MARCH 2022 - PRESENT

Technical Contributions:

- **Feature Development:** I have contributed to the creation and enhancement of key features within the AVC platform, focusing on user-friendly design and intuitive interaction to ensure the product is accessible and enjoyable for its young users.
- **Debugging and Optimization:** Identifying and fixing bugs, improving the platform's performance, and ensuring a seamless user experience.

SOFTWARE ENGINEER | SBWORKS | APRIL 2021 - MARCH 2022

Responsibilities:

- **Full Stack Development:** designing, implementing, and managing the application's overall architecture.
- **Technology Stack:** For the frontend, I utilized Next.js, a React framework, known for its server-side rendering capabilities and efficient loading times. The backend was developed using Python with Flask, offering a lightweight and modular approach to building web applications. MySQL was chosen for its reliability and scalability as the database solution. Styled Components were used to enhance the frontend's aesthetics and user experience.
- **Team Collaboration:** Working closely with a senior developer, I navigated through the project's complexities, benefiting from guidance and support. This collaboration not only accelerated the development process but also enriched my problem-solving skills and technical knowledge.

Achievements:

- **MVP Development:** Successfully developed and deployed the MVP, meeting the client's requirements and expectations.
- **Skill Enhancement:** The project was a significant learning curve, where I honed my skills in full-stack development, database management, and user interface design. It also improved my ability to work in a team setting and under tight deadlines.

PROJECTS

MATINNO

Matinno is a groundbreaking platform dedicated to revolutionizing the design and construction industries by promoting the use of sustainable materials.

- Architected and implemented a scalable, service-oriented backend using Flask and Python.
- Designed a comprehensive PostgreSQL database schema to facilitate advanced queries, data analytics, and secure storage of sensitive information.
- Utilized AWS services, including RDS for database hosting and Fargate for serverless deployment of containerized applications.

React - NextJs - Python - Flask - REST API - Docker - AWS RDS

MISSUS

An innovative supply chain analysis tool designed to enhance sustainability across various industries. This tool provides a comprehensive analysis of supply chains, from production to product end-of-life, emphasizing sustainable practices and financial impacts of improvements.

- Created backend APIs using Python with the Flask framework, ensuring seamless data handling and efficient system functionality.
- Utilized PostgreSQL for database needs, hosted on AWS RDS.
- Deployed the application on AWS EC2 instance.
- Contributed to the frontend development using React.

React - Python - Flask - PostgreSQL - AWS EC2 - AWS RDS - REST API

SIMPLE PORTFOLIO

In my final project at a coding bootcamp, alongside two peers, I contributed to the creation of "Simple Portfolio." This web application brings together cryptocurrency portfolios from various platforms, offering a unified, easy-to-navigate interface. Our project demonstrated effective teamwork and our ability to address real-world problems with innovative tech solutions, simplifying digital asset management for users.

RoR - JavaScript - SCSS - HTML

EDUCATION   *Le Wagon Tokyo | 2021 – 2021*

FULL STACK WEB DEVELOPER

Backend: Ruby, Ruby on Rails, SQLite, PostgreSQL
Frontend: HTML5, CSS3, JS ,Bootstrap, jQuery.

SKILLS

REACT	JAVASCRIPT	NEXTJS	SCSS	TYPESCRIPT
PYTHON	FLASK	POSTGRESQL	MYSQL	DJANGO
AWS/EC2	AWS/RDS	DYNAMODB	MONGODB	ROR
DOCKER	GIT	FIGMA	REST API	

INTERESTS

Diving: Certified Scuba diver
Ashtanga yoga practitioner