

Mariano Luiz B. King

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[LinkedIn](#) | [Portfolio](#) | [GitHub](#)

SUMMARY

Software Developer skilled in full-stack development, AI integration, and user-focused design. Passionate about continuous learning and growth, I strive to deliver excellence and become a future leader in the technology industry.

EXPERIENCE

BlastAsia, Inc. - [Certificate](#)

Frontend Developer Intern

Pasig City, PH

June 2024 - July 2024

- Built and shipped front-end features across **5+ enterprise-grade projects**, translating design specs into high-performance interfaces using **HTML, CSS**, AngularJS, and Xamun Technology.
- Collaborated with developers to implement **modular** UI components, enabling smooth integration and on-time feature delivery.
- Diagnosed and resolved layout, responsiveness, and performance issues during development cycles.

Zuitt Coding Bootcamp - [Certificate](#)

Frontend Developer Trainee

Quezon City, PH

Oct 2022 - April 2023

- Completed a 6-month, 100+ hour front-end development training during senior high school work immersion, mastering HTML, CSS, Bootstrap, JavaScript, and Git.
- Built **10+ web interfaces** following clean, maintainable, and scalable code standards.

EDUCATION

University of the City of Manila

Bachelor of Science in Computer Science | President's Lister (2x), Dean's Lister (2x)

Manila, PH

Ongoing

FEATURED PROJECT

[SignifAI](#) - *Click to Try*

AI-Rhythm Sign Language Game

- Engineered an interactive rhythm game teaching American Sign Language (ASL) through real-time gesture recognition and music-based gameplay, garnering **80+ unique players** featured on the leaderboard.
- Implemented real-time detection of 26 ASL hand signs using a combination of a **custom-trained model** and **MediaPipe's** pre-trained **hand tracking system**.
- Built using *React, TypeScript, Tailwind CSS, TensorFlow.js, MediaPipe CV, Redux, React Router, Firebase, Vite, Figma*.

[PLM Data Form](#)

Data Management Web System

- Built a **full-stack CRUD** web app with dynamic charts to manage and visualize student records in a simulated admin workflow.
- Designed RESTful APIs and a user-friendly interface using *React, Express.js, Sass, Bootstrap, Node.js, MySQL, Chart.js, Vite, Figma*.

[Heart Disease Predictor](#)

AI Model

- Trained using **400,000+** survey responses from the CDC's 2020 BRFSS dataset to estimate heart disease risk from user health data.

[TransacGalore](#)

Point-of-Sale and Inventory System

- Developed a desktop application in **Java** with **MySQL** integration for real-time sales tracking and inventory control.

SKILLS

Languages: TypeScript, JavaScript, Java, Python, MySQL | HTML, CSS, SCSS, OracleSQL, C, Assembly

Frameworks & Libraries: React.js, TailwindCSS, Bootstrap, Flask, Express.js, Node.js, React Native, Redux React, TensorFlow, NumPy, Pandas

Tools: Git, Firebase, Postman, Figma, Gemini API, Linux (Ubuntu), AWS

Certificates: [AWS Cloud Technical Essentials](#), [IBM Node & Express.js](#), [IBM React](#), [IBM Python](#), [DataCamp Intermediate Python](#), [IBM Flask](#), [IBM Intro to Software Engineering](#), and [More...](#)