

Irish Rixon Dela Peña

Pampanga, Philippines

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GitHub: <https://github.com/IrishRixon> | Portfolio: <https://irishrixonportfolio.netlify.app/>

Objective

Entry-level Web Developer seeking to apply web application development skills in building responsive, scalable, and user-focused web applications.

Technical Skills

Programming: HTML, CSS, JavaScript, TypeScript, SQL, PHP

Frameworks & Libraries: React, Angular, Express.js, Socket.io, Tailwind CSS, Bootstrap, PrimeNG, PrimeReact

Databases: MongoDB, MySQL, SQLite3

Tools & Platforms: Git, Postman, Figma

Concepts: REST APIs, WebSockets, Version Control, Responsive Design, Authentication (JWT, Sessions)

Cloud Services: Firebase, Cloudinary

Deployment: Netlify, Render

Projects

Pawfile – Digital pet identification using QR code

Tech Stack: Angular, Express.js, TypeScript, JavaScript, MongoDB, Tailwind, PrimeNG, HTML, CSS

- Developed a QR-based pet identification web application enabling owners to create and manage digital pet profiles.
- Implemented dynamic pet profiles with photos, identification details, and a toggleable “Missing” status.
- Integrated QR code generation for easy attachment to pet collars.
- Focused on accessibility, affordability, and ease of use for pet owners.

QuizAI - AI-Powered Quiz Web Application

Tech Stack: React, Express.js, TypeScript, Socket.io, Tailwind, PrimeReact, HTML, CSS

- Designed and built an interactive quiz platform with AI-generated questions based on selected categories and difficulty levels.
- Implemented multiplayer functionality using Websockets.
- Added competitive gameplay features to enhance user engagement.
- Focused on both learning and entertainment through gamification.

Relevant Experience

Frontend developer Intern

February – May 2025

A. Marquez Realty

- Designed and developed a responsive company portfolio website focused on usability and clean UI.
- Ensured cross-device compatibility using modern responsive design techniques.
- Collaborated with stakeholders to translate business requirements into functional UI components.
- Improved user experience without sacrificing performance or accessibility.

Education

Pampanga State University

Bachelor of Science in Information Technology

2021 – 2025

Relevant Coursework: Web Programming, Database Management, Data Structures and Algorithms

Thesis Project: IoT Smart Sprinkler and Health Monitoring System for Piggeries

- Developed a mobile application for real-time monitoring of animal health and environmental data.
- Implemented dashboards displaying temperature, humidity, methane gas levels, and water consumption.