

Ivan Joshua Zapanta

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Highly motivated and dedicated software developer who excels in building efficient solutions and user-friendly interfaces, and I thrive on staying at the forefront of technology. I began my career in architecture but have since discovered a deep passion for software engineering. I've gained valuable experience through personal and school projects, making me a skilled professional in JavaScript, Linux, RDBMS/PostgreSQL, Agile/Scrum, Git, and other technologies. My passion for software continues to drive me, and I am eager to leverage my design and technology skills to make a meaningful impact in the ever-evolving tech industry.

Skills

Proficient: JavaScript, C#, RDBMS/PostgreSQL, Agile/Scrum, Git

Competent: Java, React/Angular, Linux/Bash, Python, Docker

Familiar: Firebase, Kotlin, React Native, AWS, Azure

Highlighted Projects

- **Patient Health Monitoring System Web App:** Created a sophisticated Patient Health Tracker System by utilizing the power of React and JavaScript for a feature-rich frontend. The application's frontend communicates smoothly with the backend through GraphQL, optimizing data exchanges. Patient health data is securely stored and retrieved using MongoDB, guaranteeing the system's reliability and scalability, with a demonstrated capacity to handle over 100+ patient records. Overall, the project is expected to deliver an efficient healthcare data management system, leading to an increase in patient care quality and a boost in healthcare service efficiency.
- **Attendance Reporting and Messaging Mobile App:** Designed an innovative mobile application aimed at addressing the issue of manual attendance tracking while facilitating efficient communication between parents and teachers. This application was developed using Kotlin and incorporates Firebase Authentication for secure user login and authorization, along with a convenient Google sign-in option powered by Google OAuth2. To ensure efficient data storage and synchronization, the app utilizes Firebase Realtime Database. Additionally, its user-friendly design ensures a straightforward experience for everyone involved, making it a valuable tool for modern education and classroom management.

Education

McMaster University (2023- EXPECTED 2026), Bachelor of Technology -Software Engineering Technology (Part-time program)

Centennial College (2021-2023), Software Engineering Technology, Engineering Technology and Applied Science

University of the Assumption (2013-2019), Bachelor of Science in Architecture, Engineering and Architecture

Miscellaneous

- Arts, Painting, Drawing: Engaged in various artistic endeavors, including acrylic painting, drafting, and mural creation.
- Participant, Centennial College Entrepreneurship Program: Collaborated with team of 3 to develop a mobile app that help schools manage their attendance and communication.
- Volunteer, San Fernando Community: Lead team of 10 volunteers building houses, showcasing leadership and teamwork skills.