Ivan Zapanta . Jarvis Consulting

I am an experienced software developer with a strong background in software engineering. My career is driven by a steadfast enthusiasm for software development, marked by numerous successful projects that have enriched my expertise. I excel in building user-friendly interfaces, efficient solutions, and thrive on staying at the forefront of technology. Proficient in Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, and Git, my dedication lies in innovating and bridging gaps within the software development landscape.

Skills

Proficient: Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git

Competent: Javascript, React/Angular, C#, Python, MySql

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

Jarvis Projects

Project source code: https://github.com/jarviscanada/jarvis_data_eng_IvanZapanta

Cluster Monitor [GitHub]: Developed a solution to efficiently record and monitor hardware specifications and real-time resource usage for the Jarvis Linux Cluster Administration (LCA) team's CentOS 7 Linux cluster. The program was implemented using Linux command lines and Bash scripts, with PostgreSQL serving as the RDBMS for data storage to facilitate future resource planning. Agent scripts were scheduled via cron, and the source code was managed on GitHub using Git, while Docker was employed for database provisioning, ensuring ease of deployment.This resulted in delivering an MVP that effectively addresses the LCA team's business needs.

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, ensuring the system's reliability and scalability. Overall, the project generated an efficient healthcare data management system, ultimately contributing to improved patient care and heightened 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.

Professional Experiences

Software Developer, Jarvis (2023-present): Develop innovative software solutions to drive efficiency, productivity, and user satisfaction. Collaborating with a dynamic team to create cutting-edge applications that solve complex problems and enhance user experiences. Staying current with emerging technologies and best practices to ensure the delivery of high-quality software products.

Education

Centennial College (2021-2023), Software Engineering Technology, Engineering Technology and Applied Science - GPA: 3.9/4.5

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

Miscellaneous

- Arts, Painting, Drawing
- 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.