IAN ANGELO M. SIMBULAN

Philippines | [LinkedIn](#) | [Website](#) | [GitHub](#) | angelosimbulan16@gmail.com | 0927-134-0561

PROFILE SUMMARY

Enthusiastic and detail-oriented Software Development graduate with a Bachelor's degree in Computer Science, specializing in Software Engineering. Proficient in C++, Java, Python, and JavaScript, with hands-on experience in full-stack web development using HTML, CSS, PHP, ReactJS, Flask, and Odoo. Skilled in database management with SQL, MySQL, PostgreSQL, phpMyAdmin, and MongoDB, and experienced in Android development using Java. Familiar with networking concepts via Cisco, and well-versed in using Git for version control, with practical experience collaborating through GitHub and GitLab. Knowledgeable in Docker for containerization and deployment of scalable applications. Adept at integrating APIs, building efficient solutions, and contributing effectively in team environments with a strong focus on continuous learning and innovation.

PROFESSIONAL EXPERIENCE

Junior Full Stack Developer (Absorbed as Full-Time while completing Internship 2) — **April 2025 - Present**
Achieve Without Borders Inc. — Makati, PH
- Spearhead the development of a comprehensive real estate management system, enhancing functionality with dynamic listings, client records, and transaction tracking.
- Contributed significantly to the development of a custom sales, manufacturing, and product management module within the Odoo platform, streamlining business processes and increasing operational efficiency. performance and user experience through targeted bug fixes and refinements.
- Owned and improved critical components of an enterprise Human Resource Information System (HRIS), enhancing system performance and user experience through targeted bug fixes and feature enhancements.
- Participate in full-cycle development — from technical planning to deployment — within a collaborative, agile environment using the Odoo framework.

Full Stack Developer Intern (Internship 1) — **December 2024 - Apr 2025**
Achieve Without Borders Inc. — Makati, PH
- Learned and implemented the Odoo framework to develop business solutions.
- Designed and created a custom module simulating real estate management, including property listings, client records, and transaction tracking.
- Contributed in refining and optimizing a Human Resource Information System (HRIS) by identifying and resolving critical bugs, ensuring seamless functionality and user experience.
- Developed custom Portal views within the Human Resource Information System (HRIS), enhancing user accessibility and improving the overall experience in the Odoo framework.
- Google Workspace End User Learning Path – Accomplished [December 2024]

Freelance Full Stack Developer — **July 2023 - Present**
PH
- Developed a web-based HR management system for ATHS using PHP, JavaScript, and phpMyAdmin, streamlining employee management with features like attendance tracking and leave management.
- Designed and built a personal portfolio website using React, showcasing web development skills with a responsive and interactive design.
- Created a web-based inventory management system for ATHS, automating item tracking and approval processes with multi-level user access and email notifications.
- Developed a Java-based QR-enabled tool management system, integrating real-time inventory tracking with MySQL and Java Swing, providing a seamless user interface for tool monitoring.
- Built a real-time sentiment analysis platform for Twitch streamers using React.js, Flask, and MongoDB, integrating Gemini AI to provide insights and summaries of chat messages for streamers to better understand viewer sentiment.

PROJECT WORK

Custom ERP Solutions: BIR-CAS Compliant Sales and Manufacturing Modules — **2025 - Present**
- Customized Odoo Sales and Manufacturing modules to be BIR-CAS compliant, streamlining order processing, inventory management, and production workflows to enhance operational efficiency.
- Optimized production scheduling and inventory management, implementing custom features to track work orders, material requirements, and stock levels, ensuring timely deliveries and resource allocation.
- Customized Odoo Sales and Manufacturing modules to be BIR-CAS compliant, streamlining order processing, inventory management, and production workflows to enhance operational efficiency.

Unherd the Human Herd (UHH) - Human Resource Information System   2024 - Present
- Contributed to the development and optimization of UHH, a locally built Human Resource Information System (HRIS) designed for Filipino companies.
- Created custom Portal views to enhance user accessibility and streamline HR operations within the Odoo framework.
- Identified and resolved critical bugs, ensuring seamless functionality across HR modules such as recruitment, timekeeping, payroll, and performance management.

Real-Time Chat Sentiment Analysis for Twitch Streamers   2025
- Developed a web platform using React.js, Flask, and MongoDB, where Twitch streamers can paste their stream links and receive real-time sentiment analysis based on chat messages, with insights displayed through interactive graphs.
- Integrated Gemini AI to analyze chat data and generate actionable summaries and sentiment insights, helping streamers understand the emotional tone of their viewers.
- Implemented user login and admin functionalities using React, Flask, and MongoDB, enabling secure access for streamers and efficient management of user data.

QR-Enabled Tool Management System   2024
- Developed a Java-based tool management system using QR code scanning for real-time tracking and inventory management.
- Integrated MySQL for secure database management and utilized threading for efficient multi-tasking, ensuring seamless performance during QR code scans and database updates.
- Implemented a user-friendly interface with Java Swing, incorporating custom table actions for easy tool monitoring and status updates.

ATHS Inventory Management System   2024
- Developed a web-based inventory management system for ATHS using PHP, JavaScript, HTML, CSS, and phpMyAdmin to automate item tracking and requests.
- Implemented a multi-level user access system with paperless approval workflows and email notifications, streamlining the item request and approval process.
- Designed an intuitive, responsive interface to ensure seamless user experience and efficient management of school inventory.

Personal Portfolio / Website   2024
- Developed a dynamic personal portfolio website using React to effectively showcase projects and skills in web development and software engineering.
- Implemented responsive design principles to ensure an optimal user experience across devices, utilizing CSS and JavaScript for engaging interactivity.
- Features sections for project highlights, technical skills, and contact information, allowing visitors to easily navigate and learn about my work and expertise.

IntelliWatch   2024
- Developed a real-time fall detection system using Python, leveraging YOLOv8 for keypoints detection and a custom CNN to analyze human actions.
- Integrated Twilio API to send automated alerts via SMS and email, including images and injury analysis, for immediate response.
- Utilized video devices like CCTV and webcams to monitor elderly individuals, ensuring proactive safety measures and timely interventions.

ATHS Human Resource Management System   2023
- Developed a web-based HR management system for ATHS using PHP, JavaScript, HTML, CSS, and phpMyAdmin to enhance employee management, including attendance tracking and leave management.
- Automated the update of employee information and streamlined the calculation of leave balances, ensuring accurate records and efficient HR operations.
- Implemented a multi-level user access system to facilitate secure and organized access to employee data and HR functionalities.

TECHNICAL SKILLS

- Programming Languages: C++, Java, Python, JavaScript
- Web Development: HTML, CSS, PHP, ReactJS, Odoo, Flask, RESTful API
- Database Management: SQL, MySQL, phpMyAdmin, PostgreSQL, MongoDB
- Mobile Programming: Android Studio (Java)
- Networking and Communication: Cisco
- Tools & Technologies: Git, Docker, GitHub, GitLab

CERTIFICATIONS

- Civil Service Eligibility - Professional   2024
- Devnet Associate   2023
- CCNA: Introduction to Networks   2023
- IT Specialist – Python   2023
- IT Specialist – Java   2022

EDUCATION

FEU Institute of Technology   **2021 - 2025**
                                                                    Manila, PH
BS Computer Science with Specialization in Software Engineering

- President's Scholar - [2021-2025]
- Project manager and backend developer of IntelliWatch A Fall Detection System Using Computer Vision - [2023-2024]
  - Best Thesis and Most Innovative
  - Best Audio Visual Presentation
  - Best Poster
- FEU Tech Association for Computing Machinery (ACM) Marketing Junior Officer - [2023-2024]
- FEU Tech Association for Computing Machinery (ACM) Member - [2022-2024]
- FEU Tech Junior Philippine Computer Society (JPCS) Member - [2021-2022]
- Dean's Lister - [2021-2022]
- Top Performing Student in Software Engineering - [2021-2022]

Assumpta Technical High School   **2015 - 2021**
                                                                    Pampanga, PH
Science, Technology, Engineering, and Mathematics

- With High Honors Awardee