JOHN CARLO O. SALAMEDA

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Experience

EGS Enggist & Grandjean Software   **September 2023 – *Present***
Full Stack Developer   Ortigas, Pasig City

- Worked on creation of new features for recipe and menu management web application.
- Maintain and enhance existing code for bug fixes and application stabilization.
- Migrate and translate existing business logics and systems to modern programming technology.
- Worked on Migration for existing data to azure server and manage migration from AWS to Azure services
- Worked and manage signup and login pages across multiple in-house application.
- Involved in script optimization and performance enhance for efficiency and management of resources.
- Handle highly critical functionality on web application which handles the most business-critical functionality enabling recipe creation and menu management.
- Designed, developed, and optimized product-related features, ensuring data accuracy, scalability, and seamless integration with recipe and menu modules.
- Collaborated with cross-functional teams (developers, QA, Clients) to deliver reliable and high-quality solutions for mission-critical workflows.
- Work with support teams to resolve client-reported issues, analyzing root causes and implementing long-term fixes to improve system stability and client satisfaction.

Navitaire Philippines Inc.   **February 2023– June 2023**
Software Engineer Intern   Bonifacio Global City, Taguig City

- Contributed to the development and maintenance of a mobile application used in basic airport operations, supporting critical airline workflows.
- Assisted in implementing new features and bug fixes, ensuring application reliability and improved user experience for operational staff.
- Collaborated with senior developers to understand airline system integrations and best practices in large-scale enterprise software.
- Gained exposure to full software development lifecycle (SDLC), including requirements gathering, coding, testing, and deployment.
- Worked in an agile environment, participating in daily stand-ups and sprint planning to deliver tasks on time.
- Worked closely with the UI/UX team to enhance front-end features, improving usability and overall user experience for end user.

Education

Pamantasan ng Lungsod ng Maynila   **September 2023**
Bachelor of Science in Computer Engineering   Intramuros, Manila

- Cumulative GWA: ***1.49*** – Magna Cum Laude
- Consistent Dean's Lister

Polytechnic University of the Philippines   **April 2019**
Science, Technology, and Engineering Program   Sta. Mesa, Manila

● Graduated With Honors

Skills & Interests

Frontend: Angular, TypeScript, HTML5, CSS, JavaScript, Figma
Backend: C#, .NET, Python, C++
Databases: MSSQL, MySQL, Google Firebase
Cloud & DevOps: Azure, AWS, Azure DevOps
Other Skills: Machine Learning, Git & Github

Projects

Parakalusugan ID: RFID technology based electronic health record management system   2023

- Developed a software and hardware solution for storing and managing patient health records using RFID technology.
- Designed and built a cost-efficient RFID scanner with WLAN connectivity for real-time access to patient data.
- Implemented web-based interfaces using HTML, CSS, and JavaScript to allow healthcare providers to securely view and manage medical records.
- Enhanced healthcare accessibility and efficiency by reducing paperwork and ensuring quick retrieval of patient information.
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Intelligent Temperature Monitoring System   2022

- Created a smart temperature monitoring solution for newborns in maternity clinics and hospitals.
- Designed the system to continuously track infant temperature and automatically send alerts when readings fall outside the normal range.
- Built the application using Firebase and Angular, enabling real-time data monitoring and caregiver notifications.
- Improved patient safety and caregiver response time by providing an automated and reliable monitoring tool.

B-Check: A Banana Quality and Ripeness Checker   2022
- Developed a Python-based application leveraging OpenCV and TensorFlow to automate the assessment of banana quality and ripeness.
- Implemented image processing and machine learning models to classify bananas into categories: ripe, unripe, or rotten.
- Designed the system to assist farmers and **distributors** in making data-driven decisions for harvesting and inventory management.
- Improved efficiency in quality control by reducing manual inspection time and providing consistent, accurate classification results.

Courses and Certifications

Programming for Beginners Using Python   **October 2022**
Department of Information and Communication Technology
- Learned basic programming concepts such as variables, data types, and control structures.
- Gained hands-on experience with problem-solving using Python.

Python Essentials 1   **October 2022**
Cisco Networking Academy

- Understood Python's role in automation and software development.
- Built a foundation in object-oriented programming with Python

Programming for Intermediate Users Using Python   **November 2022**
Department of Information and Communication Technology

- Explored advanced Python concepts such as functions, file handling, and error handling.
- Applied Python to build small-scale applications and scripts.

Principles of Web Development and Introduction to HTML   **November 2022**
Department of Information and Communication Technology

- Learned the core principles of web development and HTML syntax.
- Practiced building static web pages with semantic HTML tags.

Using HTML and CSS to Design a Website   **November 2022**
Department of Information and Communication Technology

- Learned to structure webpages using HTML5 and apply styling with CSS3.
- Developed responsive and user-friendly website layouts.

Basic JavaScript for Web Development   **December 2022**
Department of Information and Communication Technology

- Gained knowledge in JavaScript syntax, DOM manipulation, and event handling.
- Applied JavaScript to add interactivity and dynamic behavior to websites.

Using Firebase as an Application Back End   **December 2022**
Department of Information and Communication Technology
- Learned to integrate Firebase for authentication, real-time database, and hosting.
- Applied Firebase services to support web application back-end functionality

Introduction to C#   **February 2023**
Department of Information and Communication Technology

- Acquired knowledge of C# basics such as variables, loops, and conditionals.
- Learned object-oriented programming concepts like classes and objects in C#.