James Vincent Escartin

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Experience

Software Developer

SMMILE Digital, Pte. Ltd.

October 2023 - Feb 2025

- Developed and maintained SmartZhongYi, an enterprise application, ensuring system security, efficiency, and scalability.
- Built and optimized RESTful APIs for the SmartZhongYi Patient Portal using PHP Slim Microframework, improving performance and reliability.
- Developed the Patient Portal frontend with Next.is, enhancing user experience and responsiveness.
- Optimized database gueries and configurations, reducing processing time by 50%.
- **Dockerized** applications to ensure consistency across development, testing, and production environments.

Software Developer Intern

SMMILE Digital, Pte. Ltd.

Jul 2023 - Sept 2023

- Enhanced and maintained features across multiple PHP and MySQL versions of SmartZhongYi, ensuring system stability and performance.
- Designed, optimized, and maintained **WordPress websites**, improving **site speed**, **SEO**, **and user experience**.
- Researched and integrated emerging technologies like Electron.js, React, and Docker, contributing to innovation and modern development practices..

Education

BS, Computer Science

University of Roehampton, UK

Feb 2025 - Feb 2027

HND, Software Engineering

Lithan Academy, Singapore

Jun 2022 - Dec 2024

 The sole graduate from a cohort of 35 Software Engineering students, demonstrating resilience and dedication.

High School Diploma, TVL (Mechatronics, Technical Drafting)

Sister of Mary School- Boystown, Inc., Philippines

Jun 2016 - Jun 2022

- Graduated in the top 1% of the class, ranking 99th percentile out of 317 students.
- Won a bronze medal in the National Skills Competition for Mechatronics Technology—competing against college-level participants while still in high school.
- Recognized with multiple awards, including Best in Mechatronics, and Best in Practical Research 3.

Volunteer

Library Attendance Tracking

Sister of Mary School- Boystown, Inc., Philippines

- Volunteered to develop a Library Attendance Tracking System, thus reducing the paper consumption into zero
- Improved record-keeping accuracy and streamlined attendance tracking for students and faculty.
- Demonstrated initiative and problem-solving skills by independently designing and implementing the system.

Certification

National Certificate II in Mechatronics and Servicing

Technical Education and Skills Development Authority

Skills

PHP (Core, Slim, Laravel) | Java (Core, Spring) | JavaScript | TypeScript | React.js | Next.js | Tailwind CSS | MySQL | Docker | Git | API Development | Refactoring | Agile Methodologies | Microservices | Test-Driven Development