

James Vincent Escartin

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Experience

Software Engineer	SMMILE Digital, Pte. Ltd.	October 2023 - Feb 2025
<ul style="list-style-type: none">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.js, enhancing user experience and responsiveness.Optimized database queries and configurations, reducing processing time by 50%.Dockerized applications to ensure consistency across development, testing, and production environments.		
Software Engineer Intern	SMMILE Digital, Pte. Ltd.	Jul 2023 - Sept 2023
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
<ul style="list-style-type: none">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
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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