Faith Ang

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SUMMARY

A driven penultimate-year Information Systems student at Singapore Management University, with minor in Digital Cloud Solutions. Passionate in leveraging technology for innovation, with robust foundation in programming, data structures, and algorithms. Experienced in full-stack web development, eager to contribute to innovative software engineering solutions.

Internship availability: 6 May 2024 - 9 August 2024

EDUCATION

Singapore Management University

Bachelor of Science, Information Systems • August 2021 - May 2025(Expected)

• Minoring in Digital Cloud Solution

Meridian Junior College

GCE 'A' Levels, Science • January 2018 - December 2019

TECHNICAL SKILLS

Programming Languages: Java, Python, Javascript, PHP
Front-End Technologies: Vuejs, Bootstrap, HTML, CSS
Back-End Technologies: Flask, SQLAlchemy, REST APIs, Microservice Architecture, RabbitMQ
Database Management: MySQL
Computer Science Fundamentals: Data Structures & Algorithms, Design and Analysis of Algorithms, Object-Oriented Programming
Software Tools & Practices: Docker, JIRA, Figma, Agile Methodologies, Continuous Integration/Continuous Deployment (CI/CD)

PROJECTS

Smart IOT Dashboard

https://github.com/forestlol/Calypso • January 2024 - Present

• In partnership with Cavill Pte Ltd, this innovative solution is designed to centralize and simplify the management of IoT data, providing users with a smart dashboard that tracks, controls, and visualizes data from various IoT devices.

• The platform was meticulously crafted for real-time sensor data monitoring and Building Management System (BMS) data aggregation, presenting a unified interface for both staff and automated systems to interact with the IoT ecosystem.

• Customizable notifications and alerting mechanisms.

• Developed using: Vue.js, C#, Vercel, DigitalOcean, MongoDB

Personal Portfolio Website

https://faithang.netlify.app/ • May 2023 - Present

• Developed a responsive portfolio website using HTML, CSS, and JavaScript.

• Implemented smooth scrolling for seamless navigation between sections.

• Integrated both dark and light themes for user preference.

• Prioritized Mobile First development, ensuring optimal experience on mobile devices before adapting to desktop.

• Ensured full compatibility across devices with an emphasis on a user-friendly interface.

Skill Based Role Portal

https://github.com/faithangg/is212-project • August 2023 - November 2023

• An internal web application to facilitate internal role applications and talent sourcing within an organization.

• Designed to bridge the gap between staff's current skills and the requirements of open positions within the company, thereby enhancing internal mobility and talent utilization.

• Staff able to apply for roles, view skill matches, and HR able to efficiently manage and fill positions based on precise skill requirements.

• Scrum Methodologies were extensively practiced for this project.

• Developed using: Vue.js, Python, mySQL, Selenium, Python Unittest

Property Bidding Website

https://github.com/faithangg/ESD • January 2023 - April 2023

• Haven is a one-stop property bidding platform, developed by our team using the Microservices Architecture, Flask, mySQL, Docker and Vuejs.

• Each microservice represents a specific business capability, enabling seamless browsing of property listings, appointment booking, and real-time property bidding through our user-friendly interface.

• Developed REST APIs to ensure smooth and efficient communication between services.

WORK EXPERIENCE

NTUC First Campus

Technical Support Staff   **June 2022 - July 2022, Singapore**

• Served as an onsite IT support staff for the SkoolNet 2 Hypercare initiative, a new childcare management system at MyFirstSkool centres.

• Delivered prompt support for critical modules, particularly during check-in and check-out processes.

• Effectively troubleshooted and resolved system bugs as they arose.

CO-CURRICULAR ACTIVITIES AND VOLUNTARY SERVICES

Mentor

Singapore Management University • Sembawang Family Service Centre • January 2023 - January 2024

• Delivered academic assistance to approximately 20 underprivileged children aged 7 to 12, advancing their educational development and catalyzing significant improvements in school performance.

• Contributed over 80 volunteer hours, embodying a deep-seated dedication to nurturing and educating children in the community. Conducted weekly tutorial sessions, enhancing students' academic confidence and grades through tailored teaching strategies and dynamic skill building workshops.

Executive Committee - Quartermaster

Meridian Junior College • Rock Climbing • January 2019 - December 2019

• Spearheaded the management and organization of rock climbing equipment, ensuring all items were accounted for, maintained in optimal working condition, and readily available for club activities.

• Designed and implemented a systematic inventory management process, facilitating efficient stock keeping, regular maintenance schedules, and thorough cleaning protocols for all equipment.