SYAHMIM CHUKHAN BIN SHAMSUDIN

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EDUCATION

Singapore Management University (SMU)

BSc (Software Engineering)   **Aug 2022 - Present**
- Relevant modules: Web Application Development, Data Management, Operating Systems and Networking, Introduction to Programming (Python), Programming Fundamentals (Java), Introduction to Artificial Intelligence (AI), Foundations of Cybersecurity

WORK EXPERIENCE

Schneider Electric

Software Developer Intern   **May 2024 - Present**
- Collaborated with firmware engineers to implement new features, create and execute tests, and resolve bugs, ensuring precise alignment with company requirements. Enhanced understanding of software and hardware integration through close coordination with developers and system architects. Automated testing and deployment processes, advancing reliability and efficiency in product development

Lumens

Software Engineer Intern   **Jun 2023 - Aug 2023**
- Developed dynamic and interactive web applications using React, a front-end framework, and leveraged Express, a back-end framework alongside Node.js. Employed PostgreSQL as preferred database as well
- Cooperated directly with developers, and end-users to detail and rank product requirements, encompassing advanced feature sets, intuitive user interfaces, and robust technical specifications, guaranteeing development of software solutions tailored to address specific market demands and enhance user satisfaction

SKILLS & INTERESTS

Programming Languages: Python, HTML, CSS, Javascript, SQL, PHP, Java, Golang, Typescript
Frameworks: Express.js, Next.js, React.js, Node.js, Vue.js
Technologies: MySQL, PostgreSQL, Git, Docker, MongoDB, Pandas, Pytorch
Language fluency: English (Native), Malay (Native), Thai (Basic)
Certifications:
AI100: Python Programming and Data Visualisation, AI200: Applied Machine Learning
Google: IT Support Specialization (5 Courses), IT Automation with Python Specialization (6 Courses), Data Analytics Specialization (8 Courses)
Udemy: The Complete 2023 Web Development Bootcamp, Python Data Structures and Algorithms,
AWS Certified Solutions Architect – Associate

PROJECTS

GymDaddy

Full Stack Developer   **Jan 2024 - Apr 2024**
- Enhance operational efficiency by deploying an advanced virtual queuing system, designed to reduce customer wait times across various service points, and involved Golang with GRPC for high-performance backend services, complemented by Python Flask with REST for versatile server-side operations
- Developed with team of 7 for a Vue.js-based frontend application specifically designed for a booking system, promoting user interactions and satisfaction through seamless integration with backend services. Integration facilitated a high-performance and superior customer experience. Employed Docker to streamline backend deployments, increasing system efficiency and ensuring robust scalability

RecipeDaddy

Full Stack Developer   **Aug 2023 - Nov 2023**
- Identify key sustainability issues to address and cooperated as a team to come up with a product to solve chosen issue by targeting high food wastage with 1.5kg of waste disposed of by each household in Singapore daily
- Included features such as leaderboard system, recipe search, meal preparation, and meal schedule for end users, created using Vue, Bootstrap, Javascript and Axios for frontend, Python Django, JWT for backend, PostgreSQL for database and also generative AI for generation of recipes to counter food wastage using Git for version control

Ascenda Employee Management System

Frontend Developer
- Constructed a web application for employees to manage personal information and perform role-based actions. Focused on frontend development, ensuring user-friendly interfaces and seamless user experiences. Collaborated with backend team to integrate functionalities and maintain data integrity

Commenity

Frontend Developer   **Aug 2023 - Sep 2023**
- Built a comprehensive full-stack web application designed to enhance community engagement through gamification, primarily focused on front-end development using React Native
- Secured a position within top 10 in Technology Series competition (SMU)