Yuki Chew Ying Xi

yukichew0803@gmail.com @yukichew Yuki Chew Ying Xi +601117546816

Software engineering graduate with a strong passion for developing innovative software solutions. Passionate about full-stack web and mobile development, with hands-on experience in backend systems, cloud services, and database management. Adept at writing clean, maintainable, and scalable code while ensuring high-quality software solutions

Professional Experience

Software Engineer Intern   Jan 2024 - April 2024
Petronas Digital Sdn. Bhd.   *Kuala Lumpur, MY*

- Assigned as backend developer in DigitalPASR project, implementing RESTful APIs and completing 5 user stories.
- Developed 10+ APIs, stored procedures, and SQL queries to support data retrieval and manipulation.
- Collaborated with cross-functional teams using Agile Scrum methodology to ensure on-time feature delivery.

Information Technology Executive Intern   Oct 2022 - Jan 2023
Tiseno Digital Sdn. Bhd.   *Johor, MY*

- Wrote front-end codes in HTML5, CSS and JavaScript to meet system requirements and design specifications.
- Resolved 8 merge conflicts and maintained version control using Git to ensure smooth collaboration.
- Maintained and updated 20+ web pages under direction of UI/UX designer to ensure layout and design consistency.

Education

BSc (Hons) in Software Engineering   Feb 2023 - Feb 2025
Asia Pacific University | De Monfort University   *CGPA: 3.82 (Dean's List Award)*

- Data Structures, System Architecture and Testing, Algorithms, System Development Methods, Design Patterns

Diploma in Information & Communication Technology with a specialism in Data Informatics   Oct 2020 - Dec 2022
Asia Pacific University   *CGPA: 3.97 (Best Student Award)*

- Java Programming, Systems Analysis and Design, Database Systems, Computer Systems Architecture

Projects

APEngage - Campus Event Management App
- Built mobile app to streamline event management processes at Asia Pacific University.
- Implemented image detection technology to identify the presence of university logo in event posters.
- Tech: React Native, Node.js, Express.js, MongoDB, React, Python, OpenCV

RideNGo - Bus Ticketing System
- Led a team of 3 to ensure timely project delivery while adhering to coding standards and best practices.
- Designed and deployed scalable microservices system using AWS EC2 instances.
- Tech: ASP.NET Core, React, MS SQL Server, AWS

APFound - Campus Lost and Found Mobile App
- Integrated Firebase Authentication for secure user login and registration.
- Achieved a 4.0 GPA for this project as part of academic coursework.
- Tech: Kotlin, Firebase, Android Studio

Skills

- **Programming Languages**: Java, JavaScript, TypeScript, C++, Python, PHP
- **Front End**: React, HTML5, CSS3
- **Back End**: Node.js, Express.js, .NET
- **Mobile Development**: React Native, Kotlin
- **Database**: MongoDB, MySQL
- **Cloud**: AWS (EC2, S3, RDS)
- **Tools**: Git, Azure DevOps, Postman

Awards

Champion of OutSystems Low Code Hackathon   May 2023
- Developed a fully functional low code carpooling mobile app within 30 hours, outperforming 30+ teams.

Certifications

Microsoft Certified: Azure Fundamentals   **CCNA: Introduction to Networks**