

Calvin Wong Shao Tzun

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EDUCATION

Technological University Of Shannon

Bachelor of Software Design with A.I for Cloud Computing (Hons)

Athlone Co. Westmeath, Ireland

Graduation Date: May 2024

Essential Module Include: Cloud Infrastructure and Deployment, Data Structure & Algorithms, Artificial Intelligence in Cloud Computing, Software/Web Development

Expected to Graduate with Grade: **1.1 (First Class Honors)** in 2024

WORK EXPERIENCE

Finexus Group

Kuala Lumpur, Malaysia

Software Engineer

Feb 2023 - July 2023

- Developed and implemented version 2 of the company's payment application web app using TypeScript and the React framework, resulting in a 30% increase in transaction processing speed.
- Collaborated with cross-functional teams to integrate GraphQL as the API gateway for the web app, reducing API response times by 50% and improving overall user experience.
- Implemented automated testing procedures using Jest unit testing for the version 2 release of the web app, resulting in a reduction of bug resolution time by 30% and increasing software reliability.

PROJECTS EXPERIENCE / CERTIFICATION

Full Stack Watches Web App (Individual Project)

- Designed and implemented a comprehensive Full Stack Web Application with a focus on RESTful architecture.
- Created a RESTful Webservice that enabled CRUD operations for efficient watches data management and manipulation for end users.
- Tech Stacks used: PHP, JavaScript, MySQL, AJAX, JQuery, Bootstrap.

To-do Web App (Individual Project)

- Developed a dynamic Todo application using the React framework and TypeScript, offering users an intuitive task management solution.
- Integrated state management techniques, such as React's useState and useEffect hooks, to efficiently manage task data and ensure responsive updates to the user interface.
- Tech Stack used: Typescript, React Framework, Tailwinds

Discord ChatBot (Individual Project)

- Developed a dynamic Discord Chatbot using Python to facilitate communication within a Discord group
- Integrated a specialized API to enhance the chatbot's capabilities, allowing real-time data access and task automation
- Leveraged Python's versatility and the power of APIs to create a feature-rich chatbot that improved group interactions and engagement.

Google Coursera Foundation of User Experience (UX) Design

- Completed Google Coursera UX Design certification, demonstrating expertise in principles, methodologies, and practices, including user research, wireframing, prototyping, and usability evaluation
- Acquired skills in creating effective wireframes and prototypes that communicate design concepts and facilitate iterative development.

LEADERSHIP EXPERIENCE

Malaysia Student Association Of IE

Ireland

Student Ambassador of TUS

July 2021 - July 2022

- Oversee and coordinate multiple projects to keep the association informed of the welfare and benefits of Malaysian students at TUS.
- Provide assistance and oversight for the welfare of all students at TUS.
- Organize a gathering event for Malaysian students at TUS to help reduce homesickness.

SKILLS & INTERESTS

Languages: Java, Python, Javascript, PHP, Typescript

Framework: React.js, Express.js, Next.js, Tailwind.css, Bootstrap.css, JavaServer Faces (JSP)

Technologies: Android Studio, Node, Apollo GraphQL, AJAX, JQuery, MongoDB, MySQL, Redux, Github, SwaggerAPI, Jest, PostMan API, Jupyter notebook, Pandas