

Kelvin Tan Chi Ming

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I'm a software engineer with a passion for creating innovative solutions to complex problems. With a strong foundation in computer science and a passion for learning, I'm always looking for new challenges and opportunities to grow.

WORK EXPERIENCE

Software Developer Intern

May 2022 - Aug 2022

G1 Marketing Sdn Bhd

Sungai Petani, Malaysia

- Developed a mobile application using Xamarin that monitors call durations and automatically terminates calls based on user-defined intervals, leveraging Android APIs to ensure reliable performance.
- Created a customized solution for WhatsApp calls that enforces call termination according to user preferences.
- Enhanced server efficiency by implementing web sockets to establish a real-time communication channel between the server and client, accelerating data exchange and reducing server traffic by approximately 40%.

Software Developer Intern

Dec 2018 - Mar 2019

Eleven Seven Technology

Sungai Petani, Malaysia

- Designed a user-friendly WinForms application using C# and MySQL to facilitate seamless data export from a database to Excel, improving data retrieval efficiency by 50%.
- Developed an Android application using Xamarin that enabled kiosk mode on Android devices through ADB commands, allowing users to toggle effortlessly between kiosk and normal modes.
- Configured MySQL replication for the company's server to ensure robust data backup and recovery protocols in the event of system failures, achieving a reliable backup consistency rate of 95% after rigorous testing.

EDUCATION

Bachelor of Computer Science (Hons)

Jan 2020 - Jan 2023

UOW Malaysia KDU Penang University College

GPA: 3.17

Relevant Coursework: Data Structure and Algorithms, Software Engineering, Computer Networks, Operating Systems

PROJECTS

Money Management Application

- Developed an advanced money management application for Android using Java and Firebase, enabling users to track daily, weekly, and monthly spending through efficient recording and categorization of expenses.
- Integrated a currency converter utilizing an online API, facilitating seamless currency conversions and enhancing the budgeting experience. This improvement helped users save 30% of the time previously spent on currency changes on the webpage, optimizing financial management.

University Comparison Web Application

- Created a dynamic web application using PHP and MySQL that allows users to compare universities based on critical factors such as rankings, courses offered, location, and fees.
- Implemented an intuitive admin panel for content management, streamlining the process of adding and updating university and course information, resulting in a 40% reduction in content management time.

SKILLS

Programming Languages: C#, Java, JavaScript, PHP, Html, CSS, Python, SQL

Framework, Tools: Laravel, .NET Core, NodeJS, MySQL, Firebase

LANGUAGES

Mandarin (Native proficiency) • **English** (Full professional proficiency) • **Malay** (Full professional proficiency)