SHIN KAUNG PYAE SHAN

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Nationality: Myanmar | **Pass**: Student Pass
Availability: Immediate

CAREER OBJECTIVE

I am an enthusiastic learner actively seeking a role where I can contribute my passion in developing helpful programs that solve other people's pain points. What brings me joy in my developer journey is creating programs that automate repetitive tasks, making daily operations smoother and more efficient. I find fulfilment in simplifying tasks that demand significant effort, bringing relief to both colleagues and customers, and contributing to a more productive work environment. Another source of happiness for me is crafting step-by-step CI/CD pipelines and witnessing the live deployment of programs in the cloud. I am eager to bring these skills and enthusiasm to a role within the organization, where I can contribute to growth, enhance my abilities, and make a meaningful impact.

EDUCATION

National University of Singapore   **Feb 2023 - Jan 2024**
Graduate Diploma in Systems Analysis

EDINBURGH NAPIER UNIVERSITY, Computing   **Feb 2018 - Apr 2022**
Bachelor of Science with Distinction

WORK EXPERIENCE

Software Engineer Intern (DevTech)   **Sep 2023 - Jan 2024**
SP Group   Singapore

- Initiated and led end-to-end implementation of a self-service app within the DevTech team under infrastructure branch to tackle developers' challenges.
- Implemented app using Go native plugin, resulting in a smoother internal process that granted developers necessary permissions while maintaining security standards.

Junior Software Developer (On Job Training)   **Aug 2022 - Oct 2022**
Global Wave Technology   Myanmar

- Engaged in web development tasks utilizing Angular and .NET. Contributed to creation of an admin panel designed to manage administrators, users, and employees. Training offered valuable exposure to both Angular and .NET technologies.

Reason for Leaving: To study further at NUS.

Social Media Executive   **Sep 2020 - Jun 2021**
Thate Pan Hub

- Undertook responsibilities in a volunteer position within a non-profit organization during study period, including overseeing all content, guiding team members, and maintaining a presence on various social media platforms, Facebook, Instagram, and LinkedIn to promote the organization.
- Facilitated close collaboration with co-workers and other departments, offering insights into team leadership within social media domain. Acquired valuable experience in creating pertinent technological content and analysing page insights.

TECHNICAL SKILLS

Backend: C#, .Net, Java, Android, Golang
Frontend: HTML, CSS, JavaScript, React, Bootstrap
Machine Learning: Python
DevOps and Automation: Jenkins, Kubernetes, CI/CD, Docker, Azure, AWS ECS
Testing: Unit Testing, Code Validation

PROJECTS

Undergraduate

Express Car Online Ticket Booking System | PHP, CSS, and JavaScript
- Led a team of four in creating an online ticket booking system using PHP.
- Directed project roles, deadlines, and contributed to features for seat selection and ticket booking.

E-commerce Online Shopping System | PHP, CSS, and JavaScript
- Designed and developed the Bagan-mart online shopping system using PHP, CSS, and JavaScript.
- Created both user and admin interfaces for seamless product viewing, cart management, and administrative tasks.

Grad Dip Sa Program

MLOps in Clinical Domain | Python, Java(Android), AWS
- Engaged in a comprehensive project involving web, Android, and machine learning components.
- Played a vital role in ML model exploration, Android app development, and deploying ML applications on AWS EC2.

Intern Project in SP Group (Dev Tech, IT&S)

Self-Service Slack App | Golang, Jenkins, Kubernetes
- Developed a Self-Service Slack App entirely from scratch, entailing creation of a Go-based Plugin System for GitHub Management and Slack Integration.
- Implemented a plugin-based architecture within system, incorporating a core program responsible for loading and directing requests to relevant plugins. This streamlined developers' tasks, removing the necessity for continuous assistance from GitHub and system administration tasks.
- Managed entire process, including crafting a comprehensive CI/CD setup with necessary stages, defining Kubernetes manifest files, and ensuring secure handling of sensitive data and secrets using Vault.
- Provided end-to-end solutions for program, overseeing every aspect from conception to deployment.

Employee Management System | .NET, React, Docker, MySQL
- Developed an Employee Management System (EMS) from scratch, utilizing .NET for the backend and React for the frontend, aimed at streamlining HR operations and enhancing employee data management.
- Implemented a RESTful API using .NET Core, enabling seamless communication between the frontend and backend services. Utilized Entity Framework Core for efficient database interactions.
- Built the frontend with React for managing employee information, and configured Docker Compose for consistent backend and frontend deployment. Integrated MySQL, handling configurations and migrations to ensure data integrity and smooth operations. Established a CI/CD pipeline using Jenkins, automating the build, test, and deployment processes to ensure continuous delivery and integration.

ACHIEVEMENTS
- Winner of 2020 World Robot Games Myanmar (on water robot competition)