Zay Yar Tun

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PROFILE SUMMARY

Results-driven **Software Engineer** specializing in **full-stack development** with React.js, Node.js, and Next.js. Passionate about **lifelong learning** and adopting **best practices** to optimize system performance. Skilled in **secure API** development with a strong **problem-solving** mindset. Recognized for **academic excellence**, **leadership**, and **mentoring**.

WORK EXPERIENCE

IST SG PTE. LTD.   Mar 2024 – Jan 2025

IT Application Engineer Intern   Onsite, Singapore

- Engineered and deployed a **full-stack Remote Alert System**, integrating **backend APIs and mobile notifications** to enhance emergency response efficiency.
- Designed and implemented **secure RESTful API integrations**, ensuring seamless **backend-to-mobile** communication.
- Developed and optimized a **secure cross-platform mobile application** using **React Native**, improving real-time communication for healthcare providers.
- Conducted **QA testing, maintenance and troubleshooting** for the Nurse Call products, ensuring **99% uptime and reliability.**
- Mentored an intern in **QA testing** and **device configuration**, ensuring adherence to client requirements and industry standards.

Tech Stack: JavaScript, TypeScript, React.js, React Native, Node.js, Express.js, PostgreSQL, AWS

EDUCATION

Singapore Polytechnic   Apr 2022 – Present

Diploma in Information Technology

- Cumulative GPA: **3.90**, Director's Honour Roll for **AY22/23** & **AY23/24** (Top performer in School of Computing).

University of Greenwich   Jul 2019 – Jul 2020

Bachelor of Science (Hons) in Business & Information Technology

SKILLS & INTERESTS

- **Programming Languages**: JavaScript, TypeScript, Java, HTML, CSS
- **Frontend Technologies**: React.js, Next.js, React Native, Tailwind CSS, Shadcn UI
- **Backend & Databases**: Node.js, Express.js, Spring Boot, PostgreSQL, MongoDB, Firebase, Microsoft SQL Server, MySQL, RESTful APIs
- **DevOps & Tools**: Git, GitHub, Docker, AWS, Figma, CI/CD Pipelines