



AUNG KYAW THURA

SOFTWARE ENGINEER

CONTACT

- +660650299674
- aungkyawthura.sbo@gmail.com
- Thawi Watthana, Bangkok, Thailand

SKILLS

- Blockchain (Solidity, Besu, Web3)
- Javascript (Node.js, React, React Native)
- Flutter
- Java & Kotlin (Spring, Quarkus)
- API (REST, GraphQL)
- SQL (MariaDB, Postgres)
- NoSQL (Mongo, Rethink)
- AWS (EC2, S3)
- CI/CD (Docker, Jenkins)
- GIT

Soft Skills

- Problem Solving
- Critical Thinking
- Good Communication
- Team Work
- Time and Task Management
- Analysis

EDUCATION

Bachelor of Engineering in Information Science and Technology

University of Technology
(Yatanarpon Cyber City)

December 2012 - September 2018

LANGUAGES

Burmese 

English 

PROFILE

Results-oriented software engineer with a passion for building user-friendly and secure applications. Skilled in Flutter, React, React Native, Node.js, Kotlin, and Java. Proven experience in blockchain technology (Solidity, smart contract development) and key management practices. Experience with UI/UX design and data processing functionalities.

WORK EXPERIENCE

Software Engineer

IMMIN Pte Ltd.

January 2020 - Present

- IMMIN Exchange Platform (Flutter, Quarkus Spring Framework)**
 - Created a secure and user-friendly mobile app (Flutter) for stock trading on the IMMIN Exchange Platform.
 - Established core functions for a decentralized exchange (DEX).
 - Linked IPO and DEX features with deployed smart contracts, including UI and APIs.
 - Enabled share issuance and transfer through secure on-chain transactions.
 - Established strong key management practices for secure smart contract interactions.
 - Utilized SECP256K1 keys and Shamir's Secret Sharing for multi-party key recovery.
 - Implemented asymmetric encryption for data and key security.
 - Strengthened user security with ECDSA signature verification.
 - Developed features for managing multiple devices and API keys.
- Kristal AI Private Bank - Book Building Feature (React, React Native, Spring Boot, Solidity)**
 - Created the Book Building feature, a vital function for overseeing private investment offerings.
 - Designed and deployed User and Document Smart Contracts using Solidity for secure user registration and agreement signing.
 - Implemented robust key management practices:
 - Generated SECP256K1 keys for secure smart contract interactions.
 - Integrated Shamir's Secret Sharing for multi-party key recovery.
 - Developed an Asymmetric Encryption Scheme for data and key security.
- Xallet Crypto Wallet (React, React Native, Node.js)**
 - Developed a secure and user-friendly mobile and web application (React, React Native) for managing FAIT cryptocurrency transactions.
 - Integrated an Escrow API to facilitate secure withdrawals and deposits for FAIT wallets.
 - Designed intuitive user interfaces (UI) for both admins and users to manage FAIT withdrawals and deposits seamlessly.
 - Streamlined data processing by developing a feature that automatically generates bulk bank transaction statements from imported XML files.

Freelance Software Engineer

January 2020 - Present

- **Sakamoto Online Learning App**
 - Developed scalable Node.js APIs for a large-scale online learning platform (MongoDB). Implemented JWT user authentication and collaborated with frontend developers. Contributed to AWS deployment using Docker containers, EC2, and S3 for efficient and secure operation.
- **UTYCC Alumni Fund Collection App**
 - Developed and implemented the backend infrastructure for the UTYCC Alumni Fund Collection App using Node.js and a robust framework (Express.js).
 - Designed and built secure RESTful APIs for functionalities like user registration, login, donation processing, and data retrieval.
 - Ensured data security and integrity through proper database management practices (MongoDB).

Junior Analyst Developer

On The Go Pte Ltd.

January 2019 - December 2019

- **Sale Person Tracker App (Kotlin)**
 - Developed a mobile application to track the location of salespeople in real-time using the Google Maps API.
 - Implemented a Check In/Out feature to verify salespeople physically reach designated targets.
- **Warehouse Management App (Kotlin)**
 - Built a mobile application to streamline warehouse operations.
 - Integrated a QR scanner functionality to efficiently track and manage warehouse items.
- **Warehouse Item QR Generator (C#)**
 - Developed a desktop application to generate QR codes and barcodes containing unique item IDs for improved warehouse item tracking.
 - Enhanced the user interface for a more intuitive user experience.

Software Engineer Intern

Software Myanmar ICT Service and Training

October 2017 - November 2017

- Honed my programming skills by learning C# and web development fundamentals.
- Designed a Travel Advising System, gaining practical experience in applying new knowledge.

PROJECT EXPERIENCES

- **Departmental Data Management System (Android, PHP) - June 2018 - September 2018 (Bachelolar of Engineering Thesis Project)**
 - Designed and developed a mobile application (Android) and backend system (PHP) to streamline departmental data management within an organization.
 - Supervised by Professor Dr. Hnin Aye Thant.
- **WISDOM WARRIOR QUIZ GAME (Android) - August 2017 (2nd Place Major Project Award)**
 - Developed an educational mobile quiz game (Android) to engage users in a fun and rewarding learning experience. (Achievement: Secured second place in a major project competition)
- **ONLINE CINEMA TICKET REVERSION SYSTEM (J2EE) - August 2016 (2nd Place Major Project Award)**
 - Built a web-based system (J2EE) for managing online cinema ticket reversals, streamlining customer experience. (Achievement: Won second place in a major project competition)
- **TRAVEL AGENCY SYSTEM (Java) - August 2015 (3rd Place Best Project Award)**
 - Developed a travel agency management system (Java) to automate tasks and optimize travel booking processes. (Achievement: Received third place for best project)

Volunteer Experience

- **University Red Cross Society (July 2014 - September 2018)**
 - Provided first-aid training and volunteer services, demonstrating a commitment to community health and safety.
 - Played a leadership role in organizing various university activities, showcasing strong organizational and communication skills.
-