

MYO MIN KHANT

SOFTWARE ENGINEER | FULL-STACK | MOBILE | APPLICATION SECURITY

+65 8777 8146 | myominkhant039@gmail.com | [linkedin.com/in/myominkhant](https://www.linkedin.com/in/myominkhant) | [Portfolio: myo-portfolio-nine.vercel.app](https://myo-portfolio-nine.vercel.app)

EDUCATION

Singapore University of Technology and Design (SUTD)

May 2026

Bachelor of Engineering (Computer Science and Design)

- Specialization Tracks: Software Engineering and Security
- Selected coursework: System Security, Network Security, Database Systems, and Software Testing & Verification

Temasek Polytechnic

Apr 2020

Diploma in Computer Engineering with Merit | CGPA: 3.92/4.00

- Director's List - Top 10% of cohort
- Peer Tutor for first-year students in Digital Fundamentals 2

PROFESSIONAL EXPERIENCE

Grid Plus Pte Ltd - Software Developer Intern

Aug 2022 - May 2023

[React](#) | [React Native](#) | [JavaScript](#) | [REST APIs](#) | [Redux](#) | [BLE](#) | [Zebra DataWedge](#) | [Singapore](#)

- Took ownership of a partially developed Grid VSS fleet-management mobile app, stabilizing existing functionality and extending Android/iOS workflows for live camera playback, trip history, vehicle-event notifications, and fleet report PDF generation.
- Developed Grid Patcher, a React field-service system for vehicle-device technicians covering scheduled installation, checking, replacement, transfer, and removal jobs, with device/IMEI records, completion checklists, photo evidence, navigation/contact actions, and digital signatures.
- Developed a logistics Proof of Delivery mobile app with driver schedules, GPS-tagged and reverse-geocoded delivery evidence, digital signatures, photos, structured rejection workflows, customer communication, and payment collection.
- Engineered an offline-first inventory app for Zebra handhelds, integrating DataWedge barcode scanning and a BLE weighing scale while persisting pending count/weight records locally and synchronizing them with cloud APIs when connectivity was available.

Tribal Worldwide (DDB Asia) - Web Developer Intern

Apr 2019 - Aug 2019

[ASP.NET MVC](#) | [C#](#) | [Microsoft SQL Server](#) | [Singapore](#)

- Developed database-backed web application features, working primarily on backend functionality using ASP.NET MVC/C# and Microsoft SQL Server.
- Supported multiple client projects concurrently, implementing requirements and coordinating deliverables with the development team.

SELECTED PROJECTS

Secure Event Ticketing & Anti-Resale Platform

May 2026 - Present

[Personal Project](#) | [React Native](#) | [Expo](#) | [Node.js](#) | [Express](#) | [PostgreSQL](#) | [Docker](#)

- Designed and developed an end-to-end mobile ticketing platform spanning Fan, Admin, and gate-Checker workflows for seat booking, payments, ticket issuance, cancellations/refunds, guest/sponsor tickets, offline sales, and venue/show operations.
- Engineered anti-resale and privacy controls using short-lived dynamic QR credentials, holder step-up verification, Argon2id, JWT/session revocation, AES-256-GCM PII encryption, keyed HMAC lookups, rate limiting, and administrator-controlled enforcement workflows.
- Built concurrency-safe PostgreSQL workflows using row/advisory locks, atomic transactions, state validation, and idempotency controls to prevent double-booking, duplicate ticket issuance, and race-condition bypasses; developed extensive backend tests for concurrency and recovery scenarios.

SELECTED PROJECTS (CONTINUED)

GlassSync - Industrial Defect Reporting & Production Coordination Platform

Sep 2025 - Apr 2026

SUTD Capstone with PT Muliaglass | Core technical contributor (1 of 3 primary developers) | [React](#) | [Node.js](#) | [Express](#) | [Relational Database](#) | [Docker](#)

- Co-developed the full-stack platform for real-time Cold End/Hot End defect communication, production-job coordination, hourly reporting, inspection-sheet generation, and shift workflows; personally contributed across frontend and backend development.
- Designed and implemented the end-to-end HOTO (Hand-Over/Take-Over) workflow for structured shift transitions.
- Internal testing of the defect-reporting workflow achieved an average of 18.2 seconds and 10 interactions per submission.

AI-based Smart Aid for Locked-in Syndrome Patients - Team Lead

Oct 2019 - Feb 2020

[Temasek Polytechnic Major Project](#) | [AI eye-tracking](#) | [IoT](#)

- Led a 3-member team to prototype an assistive system combining AI eye-tracking and IoT to support communication and mobility for locked-in syndrome patients.

LEADERSHIP & AWARDS

Overseas Community Project - Programme Committee & Publicity Coordinator

Aug 2019 - Sep 2019

[Pathein, Myanmar](#)

- Coordinated activities and publicity within a 25-member service expedition supporting an orphanage and secondary school, and contributed to developing a hygienic solar food dryer for the local community.

Awards

- Medallion of Excellence - Electronic Design Competition, 2019
- Merit Award - Final Year Major Project, Temasek Polytechnic
- Top-10 Finalist - Lee Hsien Loong Interactive Digital Media Smart Nation Award, 2020

ADDITIONAL EXPERIENCE

Tux Bar @ Carlton Hotel - Part-time Bartender

Aug 2024 - Jun 2026

[Singapore](#)

- Prepared and served beverages, maintained bar stock and hygiene standards, and supported guest service during high-volume shifts while completing university studies.

TECHNICAL SKILLS

Programming Languages: JavaScript, Python, Java, C++, C#, SQL

Frontend / Mobile: React, React Native, Expo, Redux, Android Studio, Zebra DataWedge, Bluetooth Low Energy (BLE)

Backend / Data: Node.js, Express, ASP.NET MVC, PostgreSQL, Microsoft SQL Server, Firebase Cloud Firestore, REST APIs

Security / Engineering: JWT, Argon2id, AES-256-GCM, HMAC, rate limiting, database transactions, concurrency control, idempotency, Docker, Git, Postman

Spoken Languages: English, Burmese