Chee Kar Jun

SOFTWARE ENGINEERING GRADUATE

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Portfolio: https://cheekj23.github.io/cheekarjunPortfolio/

EDUCATION

- Bachelor of Software Engineering (Honours) - (2023 - 2025)
- Southern University College | CGPA: 3.88/4.0 | 4 Dean's List | 100% Scholarship Holder

- Diploma in Information Technology - (2021 - 2023)
- Southern University College | CGPA: 3.73/4.0 | 2 Dean's List

- SMK Mutiara Rini | SPM 7A2B - (2015 - 2019)

WORK EXPERIENCE

EduPro Education Centre   2019-2023
Part-Time Tuition Teacher / Teaching Assistant
- Develop communication, priority management, time management, problem solving skills.

NEWPAGES Network Sdn Bhd   Feb 2023 - May 2023
Internship - Front End Developer
- Designed and maintained 7+ responsive websites (Homepage, About Us) using HTML, CSS, Bootstrap, and JavaScript, increasing user engagement by 25%.
- Optimized client websites for SEO by strategically integrating high-traffic keywords into metadata, headers, and content, boosting Google first-page rankings for more than 10 key search terms.
- Automated content images updates using **Figma and Canva templates**, reducing design-to-deployment time by **40%** for marketing and design teams.

Netripa Sdn Bhd   June 2023 - April 2025
Warehouse Assistant (Part-Time)
- Managed 1000+ SKUs using PayRecon WMS, automating stock inventory tracking and reducing manual data entry errors by 20% — gaining hands-on experience with database-driven logistics systems.
- Spearheaded a barcode scanning efficiency project, cutting stock inspection time by 30% by optimizing workflows (later applied to UI/UX principles in web development).
- Developed strong skills in resource management, teamwork, communication, and task prioritization.

Freelance Property Agent Admin   February 2025 - Present
Part-Time / Casual Work
- Developed strong communication and negotiation skills through client interactions and contract coordination.
- Gained experience in document management and process coordination.

ER Group Technology Sdn Bhd   June 2025 - August 2025
Internship - Backend Developer
- Developed an AI chatbot using Spring Boot & Node.js with RAG flow integration, reducing customer service response time by 40%, built a function to store chat sessions and chat messages between users and the AI agent using Postgres database, wrote Gmail and Google Calendar API integration.
- Built a scalable driver order management system with Angular frontend and Spring Boot backend, developed invoice PDF generation for each booking, optimizing dispatch algorithms to decrease order fulfillment time by 30%.
- Led Git version control for the developer team, resolved merge conflicts during feature integrations.
- Designed and implemented RESTful APIs using Spring Boot following MVC architecture, achieving 90% endpoint reliability.

ACADEMIC PROJECT

PLANNET – Productivity Tool & Life Organizer
Web Application (Laravel)
- Targeted to reduce task forgetfulness by 75%, gamified point system, Todo-list, Integrated calendar (FullCalendar.js) with email reminders.
- Developed microservices, including: JWT-authenticated REST API (Laravel Sanctum), Financial tracker with a user-friendly user interface, React-based notebook with Markdown support, event and reminder management, reducing task-tracking time by 40%.

Employee Training Record System
HR Management Web App (Laravel/MySQL) | **Bronze Medal, I3DC 2024**
- Provides company managers with an efficient and organized way to manage employee training programs.
- Automated PDF report generation, cutting HR workload by 50%.
- Designed a conflict-free scheduling algorithm, reducing double-bookings by 35%.

SportsConnect - Court Booking Mobile Application System
Cross-Platform Sports Bookings Management (Flutter/Laravel)
- Real-time booking system, reduced facility booking time by 60% (WebSocket push notifications), dynamic pricing algorithm increased revenue by 25%.
- Built more than 10 Laravel APIs for both the user and admin sides.
- Key Features: Real-time facility booking, equipment rental, activity creation and participation, in-app chat, exclusive deals, feedback and reviews, rewards system for users; booking management, equipment oversight, user and deal management, and feedback handling for admins.

Tower Defense Game
Godot Engine (GDScript) | 2D Strategy Game
- A strategic tower defense game developed using the Godot Engine, where players deploy short- and long-range units to protect the treasure from waves of robbers, featuring flat and geometric art styles, Japanese-themed audio.
- Technical implementation involving Node2D, TileMap, Area2D, Navigation2D, CollisionShape2D, AnimatedSprite, and AudioStreamPlayer2D for a dynamic and immersive gameplay experience.

Laravel E-Commerce Shopping System
Basic CRUD function with MySQL Database
- Product categorization, add-to-cart capability, and secure Stripe payment integration.
- Enhanced order processing and a user-friendly interface built with Blade templating, backed by Eloquent ORM, middleware for route protection, and scalable architecture for future expansion.

TECHNICAL SKILLS

- Backend: Laravel, Spring Boot, Node.js, PHP, Python (Data Science), C, C#, C++
- Frontend: Flutter, Dart, Angular, React, HTML/CSS, JavaScript, Bootstrap
- Database: MySQL, PostgreSQL, MongoDB
- Tools & Others: Git, Figma, Docker, Postman, REST APIs, Firebase, Stripe API, JWT Authentication
- Cloud: Firebase, AWS (EC2, S3)
- Package Managers: Composer, npm, pip
- Data Tools (for Data Science): NumPy, Pandas, Matplotlib, scikit-learn, Jupyter Notebook

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LANGUAGES

- English (Fluent)
- Chinese (Fluent)
- Malays (Fluent)
- Cantonese (Conversational)