

Contact

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Location

Kuala Lumpur, Malaysia

LinkedIn

[Rajendran K](#)

Personal-Portfolio

[Rajendran K](#)

Education

- Diploma in Information Communication Technology (ICT)**
Asia Pacific University (APU)
Sept 2023 – Expected Graduation: Nov 2025
- Sijil Pelajaran Malaysia (SPM)**
SMK Desa Cempaka, Nilai
Jan 2018 – Dec 2022

Technical Skills

- Languages & Web:** Python, Java, C++, PHP, JavaScript, HTML/CSS, SQL
- Frameworks & Tools:** MySQL, Arduino, Tinkercad, Figma, Git, Nessus
- Core Areas:** Full-Stack Dev, IoT Integration, Database Design, UI/UX, VR Integration
- Sales Strategies • Negotiation • Interviewing Skills • Problem-Solving • Time Management • Presentation • Networking • Market Research • Communication

Language

- English
- Malay
- Tamil

RAJENDRAN KUMARASAMY

Information Technology Student

Diploma in ICT (Software Engineering) student with hands-on experience in full-stack development, IoT systems, and database design. Skilled in building scalable web apps, integrating hardware with software, and conducting real-world research. Passionate about technology, AI, problem-solving, and developing systems that create real impact.

Professional Experience (Technical Projects)

2023 – 2025 (APU)

ECO-Forces Web App (HTML, CSS, PHP, MySQL)

- Developed an eco-platform featuring a reward system, user scores, and carbon impact tracking. Applied CRUD operations, secure login, and gamification strategies.

Hospital Inventory System (Java, OOP)

- Built a role-based inventory management system for hospitals with expiry tracking and modular design. Reinforced OOP with real-world implementation..

Bakery Management System (Python -Terminal App)

- Built a terminal-based ordering and stock tracking system. Automated billing and applied structured programming for small business logic.

Cafeteria Management Database (MySQL, SQL Queries)

- Designed a normalized database with modules for order management, pricing, inventory, and reporting. Focused on data structure integrity and optimized query logic.

ZARA E-Commerce Redesign (Figma)

- Redesigned ZARA's website using minimalist design principles. Enhanced user journey, optimized layout flow, and introduced a more responsive and accessible interface.

Subang MRO Aviation Case Study (Interview)

- Conducted a professional interview with Mr. Parthiban, founder of Subang MRO. Analyzed lean business strategies targeting legacy aircraft maintenance using entrepreneurship models.

Smart Parcel Locker System (C++, Arduino) -Ongoing

- Creating a secure IoT locker with multi-factor authentication, auto-locking, overheating alerts, and LCD display. Focused on sensor integration and secure logic control.

References

Manpreet Kaur Kherra

Lecturer/ Asia Pacific University (APU)

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Further references can be provided upon request...

