

ISAC RUSSELL PAULBERT

Simpong Ampat, Penang • +6014-992 6335 • isacarcussell777@gmail.com
<https://www.linkedin.com/in/isacrussell/> • <https://github.com/ApocalypsePhoenix>

SUMMARY

Final-year Information Technology student with practical experience in full-stack development, mobile and AR application development, and frameworks such as ASP.NET MVC, Spring Boot, and Flutter. Demonstrated capability in developing internal systems, enhancing operational efficiency, and managing funded technology and conservation initiatives. Recognized as a Penang Scholar with strong leadership experience, seeking opportunities in software development, IT engineering, or full-stack roles.

EDUCATION

Bachelor of Science (Hons) in Information Technology

Universiti Utara Malaysia (UUM), Sintok, Kedah | CGPA : 3.91

Diploma in Information Technology

Politeknik Ungku Omar (PUO), Ipoh, Perak | CGPA : 3.98

SKILLS

TECHNICAL SKILLS

Programming: Java, PHP, C#, VB.NET, ASP.NET, HTML, CSS, JavaScript, Dart

Frameworks / Tools: Spring Boot, Flutter, Unity (2D/3D/AR), Angular.js, Android Studio

Databases: MySQL, MS SQL

Other: Full-Stack Development, Testing & Debugging, System Deployment, Agile Methodology, Git Version Control

SOFT SKILLS

Leadership • Adaptability • Critical Thinking • Problem Solving • Teamwork

WORK EXPERIENCE

IT Support & Developer, Quick Way Solution Sdn. Bhd.

May 2023 – Aug 2023

- Developed a VB.NET-based printing cost-calculation system that significantly improved cost efficiency and reduced material wastage, saving the company thousands of ringgit.
- Automated manual quotation processes, reducing turnaround time from weeks to minutes.
- Supported staff during system roll-out and provided ongoing technical assistance.

Software Engineer Intern, SoftRock Technologies Sdn. Bhd.

Oct 2022 – Mar 2023

- Built full-stack ASP.NET MVC modules for a reusable plug-and-play web application framework used across client projects.
- Conducted testing, debugging, and module refinement to improve system stability.
- Prepared technical documentation, specifications, and testing reports.
- Collaborated with developers and clients to align requirements and ensure smooth integration.

PROJECTS

SmartPantry – AI-Based & Image Recognition Recipe Generator (Flutter)

- Created a Flutter mobile app that uses AI and image capture to recommend recipes based on available ingredients.
- Designed for users with minimal cooking skills or dietary restrictions.

Stockmaster – Stock & Supply Management System (PHP, MySQL)

- Built a web-based inventory management system using PHP, MySQL, HTML, CSS, and JavaScript.
- Implemented category management, product listing, subscription tiers, and inventory control.
- Integrated a real-time live chat system for seamless supplier–client communication.

Expen\$ify – Budget & Financial Tracker (Spring Boot)

- Developed a financial tracking web app with transaction logging, purchase history, and OCR receipt scanning for automated data entry.
- Implemented spending insights with daily/weekly/monthly reports.

OH!Crab – Marine Biology Awareness App (Unity)

- Developed a Unity-based educational mobile app promoting crab species awareness through gamified learning elements.
- Integrated species identification, measurement data entry, and population tracking in collaboration with UMT researchers.

GRANTS & FUNDING

MSMBB EduSTEM Grant 2024 (RM5,000)

- Funded to introduce the OH!Crab pilot project to primary schools.
- Conducted STEM workshops and marine awareness sessions.
- Served as Lead Developer, responsible for all Unity development.

UNDP YELL Seed Grant (RM100,000)

- Awarded funding to fully develop OH!Crab for global marine conservation goals.
- Served as Lead Developer, integrating gameplay development, educational modules, and data tools.
- Coordinated with researchers, NGOs, and key stakeholders.

AWARDS & SCHOLARSHIPS

Penang Scholar Recipient

- Awarded competitive sponsorship from the Penang State Government in recognition of academic excellence and leadership potential.

Icon IT Award – Session A241 & A231 (UUM)

- Recognized as one of the top-performing IT students for two academic sessions.

Academic & Co-Curricular Excellence Award (PUO)

- Awarded for outstanding academic performance and active contributions to student activities and leadership.

LEADERSHIP & INVOLVEMENT

President I-Tech Club, Universiti Utara Malaysia (UUM)

- Led a university-wide IT club focusing on technical skill-building, industry exposure, and community outreach.
- Oversaw multiple departments, managed club initiatives, and coordinated industry collaboration.

MCMC - UUM Lab Associate, UUM

- Assisted in CSR initiatives across Kedah under the MCMC-UUM Digital Lab.
- Supported digital literacy activities, community engagement programs, and outreach planning.

Head of Multimedia – Global Buddies Club, UUM

- Managed multimedia strategy for international student engagement and cultural exchange activities.
- Produced digital content supporting university internationalisation initiatives.

Head of Academic Bureau – Digital Technology Club, JTMK PUO

- Organized academic programs, workshops, and peer-learning sessions.
- Collaborated with lecturers and student committees to improve academic engagement.

REFERENCES

Suwannit Chareen Chit

Senior Lecturer (UUM)

Phone : +60 19-511 0055

Internship Period :

01st April - 30th September