

LES PAUL RANALAN

les.ranalan@gmail.com | +971 52 161 1925 | [Portfolio](#) | [LinkedIn](#) | [GitHub](#)

WORK EXPERIENCE

WhealthyVessel

February 2025–Present

Web Developer

Dubai, AE

- Engineered a responsive and cross-platform website using React, SCSS, TypeScript, and Git.
- Partnered with stakeholders to implement functional and non-functional requirements based on business goals.
- Enhanced user interface/user experience (UI/UX) and updated the content of the website to improve usability.
- Conducted regular testing and debugging to ensure cross-browser and cross-platform compatibility.
- Deployed the company's first web presence, enabling important operations, employee and customer access, and client outreach.

PROJECT EXPERIENCE

Examiq

AI-Powered Proctoring System

- Developed a web application that monitors academic integrity using gaze, input, and behavior tracking.
- Integrated AI tools and real-time detection to flag suspicious actions during online exams.
- **Stack:** Next.js (React), TypeScript, WebGazer.js, Supabase (PostgreSQL, Auth), DeepSeek V3, Vercel.

FeelTok

Social Media Application

- Created a hybrid web and mobile social platform that lets users share mood-based updates.
- Designed intuitive user interface and ensured real-time updates using Firebase backend.
- **Stack:** Next.js (React), Expo (React Native), TypeScript, Firebase (NoSQL, Auth, Hosting), SCSS, Cloudinary.

CircuitCentral

E-Commerce Management System

- Designed a create, read, update, delete (CRUD)-based product management tool for e-commerce operations.
- Built using desktop technologies with SQL Server backend integration.
- **Stack:** C#, WinForms, Microsoft SQL Server (Transact-SQL).

Apollo Hospital

Hospital Management System

- Built a web-based system for managing patient records and hospital data.
- Implemented authentication, data entry, and update modules using Django.
- **Stack:** Django, Python, Bootstrap CSS, XAMPP (MariaDB), PythonAnywhere.

Portfolio

Personal Website

- Showcases all major projects with descriptions, stack info, screenshots, and live demos.
- **Stack:** React, SCSS, GSAP, Firebase (Hosting).

Clap-Switch

Sound-Activate Electrical Switch

- Built a device that detects clap sounds to toggle electrical switches on/off.
- **Components:** Arduino board, light bulb, microphone, relay module, single pin wires, extension cord, wooden case.

EDUCATION

University of Bolton Academic Centre

September 2022–September 2025

Bachelor of Engineering (Honors) in Software Engineering

Ras al Khaimah, AE

- **Relevant coursework:** Undergraduate project, agile programming, software engineering, data structures & algorithms, machine learning, advanced programming, and software development.
- **Achievements:**
 - Delivered several full-stack applications during academic tenure.
 - Achieved grade distinction.

Western International College

September 2021–September 2022

Pearson Business and Technology Education Council (BTEC)

Ras al Khaimah, AE

International Level 3 Extended Diploma in Engineering

- **Relevant coursework:** Electronic devices & circuits, mechanical principles, thermodynamics, and calculus.
- **Achievements:**
 - Developed clap-switch under IEEE during academic tenure
 - Achieved double grade distinction.

Far Eastern Private School

September 2012–September 2021

Primary and Secondary Level

Sharjah, AE

- **Achievements:** Academic Excellence Award, Best in Computer Programming Award, Best in Research Presenter Award, Enthusiastic Learner Award.
- **Activities:**
 - Managed the cinematography and editing for Bee'ah Awareness Film Competition.
 - Participated in International Benchmark Test (IBT) for English, Mathematics & Science.

SKILLS & INTERESTS

- **Soft Skills:** Problem-solving, teamwork, creative, organized, strong communication, optimistic, fast learner, punctual.
- **Technical Skills:**
 - **Frontend:** Next.js, React, HTML, CSS, SCSS, Bootstrap CSS, Tailwind CSS.
 - **Backend:** Next.js, Supabase, Firebase, Microsoft SQL Server, Django, XAMPP.
 - **Languages:** TypeScript, JavaScript, Java, Python, C#, PHP, SQL.
 - **Tools & Platforms:** Git, Tableau, Power BI, VSCODE, Microsoft Office.
- **Interests:** Software architecture, gaming, travelling, coding, building/tinkering computers and software.