

# LES PAUL RANALAN

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## WORK EXPERIENCE

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### Let There Be Fragrance

May 2025–Present

*Full-Stack Web Developer*

*Dubai, AE*

- Collaborated with the brand's stakeholder to design and launch a fragrance-focused e-commerce website aligned with the brand's message.
- Integrated smooth real-time payments, enabling the brand to process online orders.
- Built an admin panel that enabled employees to manage inventory and product data.
- Ensured performance optimization, accessibility, and responsiveness across all browsers and devices.
- Enhanced user engagement with animations and a smooth user interface.
- Delivered web presence that expanded the brand's digital reach and supported its initial e-commerce launch.
- **Stack:** Next.js (React), TypeScript, GSAP, Tailwind CSS, Supabase (PostgreSQL, Auth), Stripe, Vercel, Git.

### Whealthy Vessel

Feb 2025–Present

*Full-Stack Web Developer*

*Dubai, AE*

- Partnered with company leadership to translate their product vision into a responsive, cross-platform website for high-quality cookware.
- Built an admin panel that enabled employees to manage sales data.
- Conducted regular testing and debugging to ensure cross-browser and cross-platform compatibility.
- Deployed the company's first web presence which enabled employee access, and higher client outreach.
- **Stack:** React, TypeScript, SCSS, Supabase (PostgreSQL, Auth), Git.

## PERSONAL PROJECTS

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### Examiq

*AI-Powered Proctoring System*

- Developed a web application that monitors academic integrity using gaze, input, and behavior tracking.
- Integrated AI tools, such as WebGazer.js and DeepSeek V3, to flag suspicious actions during online exams and optimize checking student's exams.
- Deployed using Vercel for scalability.
- **Stack:** Next.js (React), TypeScript, Supabase (PostgreSQL, Auth), WebGazer.js, DeepSeek V3, Vercel, Git.

### FeelTok

*Social Media Application*

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

### 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), Git.

## 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, Git.

## Portfolio

### *Personal Website*

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

## 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

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### University of Greater Manchester

Sept 2022–Sept 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

Sept 2021–Sept 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

Sept 2012–Sept 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

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- **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.