LES PAUL RANALAN

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CAREER SUMMARY

Recent Software Engineering graduate with strong full-stack development skills and hands-on experience in web and mobile applications. Proficient in technologies like Next.js (React.js), Expo (React Native), TypeScript, SCSS, Tailwind CSS, SQL Supabase, and Firebase. Passionate about writing clean, maintainable code, solving real-world problems, and growing in agile, fast-paced environments.

WORK EXPERIENCE

Let There Be Fragrance   May 2025–Present

Full-Stack Web Developer (Part-Time)   *Dubai, AE*

A niche perfume house dedicated to crafting signature scents that embody elegance, individuality, and artistic expression.

- Collaborated with the brand's stakeholder to design and launch an e-commerce website.
- 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.
- **Technologies**: Next.js (React.js), TypeScript, Framer Motion, Tailwind CSS, Supabase (PostgreSQL, Authentication), Stripe, Vercel, Git.

Whealthy Vessel   Feb 2025–Present

Full-Stack Web Developer (Part-Time)   *Dubai, AE*

A forward-thinking cookware company focused on improving wellness through innovating, non-toxic kitchen products.

- Partnered with company leadership to translate their product vision into a responsive and cross-platform website.
- Conducted regular testing and debugging to ensure cross-browser and cross-platform compatibility.
- Deployed the company's first web presence which enabled higher client outreach.
- **Technologies**: React.js, TypeScript, SCSS, Git.

TECHNICAL PROJECTS

Examiq

AI-Powered Proctoring System

An artificial intelligence (AI)-integrated platform that monitors student behavior during online exams using gaze and input tracking to detect potential cheating, while also automating exam evaluation.

- Developed real-time gaze tracking, and automated grading using WebGazer.js and DeepSeek V3.
- Integrated input and behavior tracking using the browser's built in control API.
- Built comprehensive dashboards for teachers and admin to manage exams and review results.
- Deployed publicly to support accessible online proctoring using artificial intelligence (AI) at scale.
- **Technologies**: Next.js (React.js), TypeScript, SCSS, Supabase (PostgreSQL, Authentication), RESTful API, WebGazer.js, DeepSeek V3, Vercel, Git.

FeelTok

Emotion-Based Social Media Platform

A social platform where users post updates reflecting their current emotions (happy, sad, love, angry) through text or images.

- Designed and implemented responsive web and mobile user interface with dynamic styling based on emotion type.
- Developed user profile management and secure email and password reset with email-based two-factor authentication (2FA).
- Implemented role-based access control (RBAC) to differentiate admin (web) and user (mobile).

- Developed a reporting system where users can report inappropriate users and posts to ensure platform safety.
- Built a web admin dashboard for moderating users and posts by reviewing reports.
- Utilized agile methodology platform, Jira and Zephyr, for sprint planning, task tracking, incorporate feedback, managing test cases, and ensure timely delivery.
- **Technologies**: Next.js (React.js), Expo (React Native), TypeScript, SCSS, Firebase (NoSQL, Authentication, Hosting), RESTful API, Cloudinary, Email.js, Git, Jira, Zephyr.

Apollo
Hospital Management System

A web-based system for managing patient appointments, medical records, billing, and diagnostics.
- Built dynamic database for doctors and staff for efficient patient moderation and record-keeping.
- Enabled patients to download medical test result for transparency.
- Integrated role-based access control (RBAC) to differentiate receptionist, doctor, and staff user experience.
- Deployed publicly to support any hospital access.
- **Technologies**: Django, Python, Bootstrap CSS, XAMPP (MariaDB), PythonAnywhere, Git.

Portfolio
Personal Website

A personal portfolio showcasing projects, technologies, and live demos to highlight software engineering capabilities.
- Designed and developed responsive user interface across all devices.
- Built with simple transition animations on mobile devices.
- Structured content to clearly communicate project details, technical depth, as well as the tasks that was completed.
- Deployed publicly for accessibility and fast loading.
- **Technologies**: React.js, TypeScript, SCSS, GSAP, Firebase (Hosting), Git.

EDUCATION

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 Institute of Electrical and Electronics Engineers (IEEE) during academic tenure, achieved double grade distinction.

SKILLS & INTERESTS

- **Soft skills**: Strong problem-solving and communication skills, collaborative team player, highly organized, creative thinker, and fast learner.
- **Technical skills**:
  - **Frontend**: Next.js (React.js), Expo (React Native), SCSS, Tailwind CSS, Bootstrap CSS.
  - **Backend**: Supabase (PostgreSQL, Authentication, Storage), Firebase (NoSQL, Authentication, Storage, Hosting), XAMPP (MariaDB, MySQL), RESTful API, Microsoft SQL Server (Transact-SQL), Django.
  - **Languages**: TypeScript, JavaScript, SQL, Python, Java, C#, PHP.
  - **Tools & platforms**: Jira, Zephyr, Git, Microsoft Visual Studio Code, Microsoft Office.
- **Interests**: Software architecture, gaming, travelling, coding, building/tinkering computers and software.