

# MANULA PERERA

SOFTWARE ENGINEER  
MOBILE APPLICATION DEVELOPER



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## ABOUT ME

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I am a highly motivated and results-driven Software Engineering graduate with a Second Upper Class from the University of Westminster, UK (affiliated with the Informatics Institute of Technology, Sri Lanka). With over 3 years of professional experience in full-stack mobile application development, I have successfully designed and developed 15+ diverse mobile applications using technologies such as Flutter, React Native, Swift, and Kotlin. My strong academic foundation, combined with hands-on industry expertise of more than 2 years, enables me to build efficient, scalable, and user-friendly mobile solutions that deliver real-world impact. Beyond technical excellence, I thrive in collaborative environments, take initiative in problem-solving, and bring leadership and teamwork skills honed through professional projects and extracurricular activities.

## EDUCATION

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### BEng(Hons) Software Engineering

Graduated with a Second Upper Class  
University of Westminster - United Kingdom  
2021/09/06 - 2025/08/01

### Advanced Level

Royal College - Colombo 07, Sri Lanka  
2018/08/06 - 2020/12/15

### Ordinary Level

Royal College - Colombo 07, Sri Lanka  
2017/01/02 - 2017/12/20

## EXPERIENCE

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2025/09/19 - Present

### Promoted within 3 months

DB International Technology (PVT) LTD  
(China based company)

### Full-Stack Mobile Application Developer - Flutter/Golang

Full-stack Mobile Application Development.  
Database design and development (SQL)  
Back-end development (Golang)  
API development and Integration.  
External Services Integrations (Google, Firebase, etc.).  
Publish to Google Play Store & Apple App Store.

2025/05/12 - 2025/09/19

DB International Technology (PVT) LTD  
(China based company)

### Junior Mobile Application Developer - Flutter

Mobile Application Development.  
API Integration.  
External Services Integrations (Google, Firebase, etc.).  
Publish to Google Play Store & Apple App Store.

2024/07/05 - 2025/05/09

WAD International (PVT) LTD

### Associate Software Engineer (Mobile Application Developer job role) - Flutter

Mobile Application Development.  
API Integration.  
External Services Integrations (Google, Firebase, etc.).  
Publish to Google Play Store & Apple App Store.

2023/07/04 - 2024/07/04

WAD International (PVT) LTD

### Mobile Application Developer - Intern

Mobile Application Development.  
API Integration.  
External Services Integrations (Google, Firebase, etc.).

2022/10/13 - Present

Perera Technologies

### Founder

Self-employed.  
Mainly Offering Mobile Application & Web Development Services.  
Also offering Machine Learning based developments.  
[pereratechnologies.com](http://pereratechnologies.com)

## PROJECTS

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### WAD International (PVT) LTD Projects

- **Slash Deals Mobile Application** - Delivered a Flutter mobile application with **50,000+ downloads** across the App Store and Google Play. Led API integrations and implemented **BLoC**-based state management using **Clean Architecture**. Integrated **in-app purchases** and payment solutions including **MintPay** and **Koko Pay**. Managed end-to-end deployment for both app stores.
- **Stara by LoveDigits** Mobile Application - Developed an **Astrology** mobile application. Responsible for **Flutter** app development and **API** integrations, utilizing **BLoC** for state management within **Clean Architecture** approach. Implemented **in-app purchases** and integrated payment methods such as **Stripe**, **Apple Pay** and **Google Pay**. Managed end-to-end **deployment** for both the **Apple App Store** and **Google Play Store**.
- **Soteria by Ansell** - Developed an **internal enterprise application** for **Ansell**, focused on **tab-based** workflows and **iPad-optimized** experiences using **Flutter** and **FlutterFlow**. Responsible for **API** integrations and implemented **BLoC** for state management within a **Clean Architecture** approach. Ensured a **responsive** design that also performs well on **mobile** devices.
- **Discover Sri Lanka** - Developed the **Sri Lanka Tourism Board** mobile application, a **government project funded by the World Bank**. Worked on **Flutter** development with **API** integration, implementing **BLoC** for state management within a **Clean Architecture** approach. Integrated Firebase services including Cloud Messaging and Crashlytics, along with Google Maps functionality for location-based features. **Localization** also includes to translate content **upto 14** languages.

- **CarEka** Mobile Application - Developed a **vehicle trading** mobile application that allows users to **list vehicles** for sale and **discover available vehicles**. Built using **Flutter** with **API** integration, implementing **BLoC** for state management within **Clean Architecture** approach.
- **Guess The Song** Mobile Application - Developed an **internal company multiplayer game** application supporting up to **4 players connected in real time in to a single room**. The game integrates with the **Spotify API** to play music clips, where players guess and sing songs to earn points. Implemented multiple scoring tiers and rankings system. Built using **Flutter** with **API** integration, **BLoC** for state management, and **Clean Architecture**. Integrated **in-app purchases** for additional features.
- **Leave Management** Mobile Application - Developed a **company leave management** mobile app using **React Native** with **API** integration based on existing web based system. The application allows employees to **apply for leave** while enabling management to **approve or reject** requests. Implemented **role-based access**, where leave quotas are assigned based on employee positions.

#### DB International Technology (PVT) LTD Projects

- **SplitEx** - Developed a mobile application for **splitting bills** and managing **shared expenses** when multiple people go out together. Built using **Flutter** and **Clean Architecture** with **Firestore** integration, including **Firestore Storage** and **Remote Config** for future feature management. Also implemented **WebView** functionality for embedded content.
- **HourMate** - A mobile application to **track working hours** and **rest time**, providing **AI-driven suggestions** using the **Google Gemini API**. Built with **Flutter**, including **Firestore Storage** and **Firestore Remote Config** for future updates and feature management. Also implemented **WebView** functionality for embedded content.
- **UniPath** - Worked as the **Full-Stack Mobile Developer** for the mobile application for searching universities and courses **for studying abroad**. Built the frontend using **Flutter** and the **backend** using **Golang** with **MySQL**. Implemented **Swagger** for **API documentation** and containerized the backend using **Docker** for deployment. Managed end-to-end deployment to both the **Google Play Store** and **Apple App Store**.
- **AR777** - A **game platform** mobile application using **Flutter**, with **BLoC** for state management and **Clean Architecture**. Built and maintained the backend using **Golang**, including **API** development and integration. Worked as a **full-stack mobile developer**, and implemented **WebView** support for **in-app game** experiences.
- **Automated AI Agent** for Website Landing **Page Generation**, **Google Analytics** Implementation, **SEO optimizations**, **validate** generated websites and **Deploy to Cloudflare** (**100% Automated** process with **Python** and **FastAPI**)

### University Final Year Research Project

- **Inventro** - Developed a Smart Restaurant Kitchen Inventory Management mobile application using **Flutter**. Built **backend APIs** with **FastAPI** and implemented **machine learning** features using **Python**. Used **Firestore** as the **notifications, database** solution to manage and sync inventory data in **real time**.

### University Mobile Application Development Projects

- **Recipe App** (Kotlin)- Developed an **Android** application using **Kotlin** for discovering and trying new recipes, with **API** integration to fetch recipe data and related content.
- **Dice Roll Game** (Kotlin).
- **Weather App (IOS)** - Developed a **clone of the iPhone Weather application** using **Swift**, following the MVVM architecture. Integrated the **OpenWeather API** to fetch and display real-time weather data.

### University 2nd Year Group Project

- Music Player with Gesture Recognition and Voice Recognition.  
Technologies: Python(Machine Learning), Spotify(API), HTML, CSS.

## **SKILLS**

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- **Mobile Development:** Flutter, React Native, Swift, Kotlin (Production-level apps, 50K+ users)
- **Backend Development:** Golang, FastAPI, REST API design, authentication (JWT)
- **Architecture:** Clean Architecture, BLoC, MVVM, scalable system design
- **Databases:** Firestore, MySQL, SQLite (real-time sync, optimized queries)
- **Cloud & DevOps:** Firestore, AWS, GCP, Docker, CI/CD pipelines
- **Tools:** Git, GitHub, GitLab, Bitbucket, Swagger (OpenAPI)
- **Integrations:** Payment gateways, Google APIs, Firestore services, AI APIs
- **Other:** Performance optimization, debugging, Agile/Scrum collaboration

## **EXTRA CURRICULAR**

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### **School Level - Cricket**

- 3rd-year Coloursman - Royal College Cricket ( 2017-2020 ).
- Captain Royal College 1st XI Cricket(ODI Tournament) - 2020.
- Vice-Captain Royal College 1st XI Cricket (Two Day Tournament) - 2020.
- Best Bowler - 138th Battle of the Blues - 2018.
- Best Bowler - Royal College 1st XI Cricket - 2018.
- Best Bowler - Royal College Under 17 Cricket - 2017.
- Best Bowler - Royal College Under 15 Cricket ( 2015-2017).
- Best Bowler - Royal College Under 13 Cricket ( 2014-2015).
- Member - 1st XI Team that emerged Champion of Division 2 Singer Cricket Tournament - 2019/2020.

### **National Level - Cricket**

- Represented Sri Lanka Under-15 National Team for Tour of Malaysia – 2016.
- Sri Lanka National Colors – 2016.

### **Provincial Level - Cricket**

- Represented Colombo District Under 15 Team in the Inter-District Cricket Tournament – 2015/2016.
- Represented the Western Province Under 15 Cricket Team.
- Represented the Western Province Under 13 Cricket Team.

### **Club Level - Cricket**

- Captain Moratuwa Sports Club (Under 23 - 2023).
- Represented Governors Trophy One Day Tournament – 2022 (Moratuwa Sports Club).
- Represented Major Emerging Three-Day Tournament – 2022 (Nugegoda Sports Club).
- Represented CDCA Division III Tournament – 2018/2019 (Singhalese Sports Club).

### **University**

- Cricket Captain Informatics Institute of Technology – 2023/24.
- Cricket Captain of the team got Runners-up NSBM USports Inter-University Cricket Tournament – 2023.
- Vice President of the University Sports Council.

## **DECLARATION**

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I declare that the information in this CV is accurate to the best of my knowledge. I authorize verification and understand that any falsification may result in disqualification or termination if employed.

## **REFERENCES**

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Available upon request