

# DILMITH RANASINGHE

## FULLSTACK SOFTWARE ENGINEER



## CONTACT

+94 71 717 0333

dilmithsenupa2@gmail.com

13/B Sambuddhiwatta Road,  
Mattegoda, Kottawa, Sri Lanka

<https://dilmith-ranasinghe.vercel.app/>

<https://www.linkedin.com/in/dilmith-ranasinghe>

<https://github.com/Dilmith-Ranasinghe518>

## SKILLS

### Programming Languages

- Java, JavaScript, PHP, Python, Kotlin, Dart, C/C++

### Web & Full-Stack Development

- Next.js, React, MERN Stack
- HTML5, CSS3, Tailwind CSS
- RESTful API Design & Integration

### Mobile Development

- Android Development (Java, Kotlin)
- Flutter
- React Native (basic)

### Databases & Backend

- MongoDB, MySQL, MS SQL Server
- Firebase (Firestore, Realtime DB)

### Tools & Platforms

- Git & GitHub
- Postman, Jira
- Android Studio, Xcode
- Docker (basic)

### Software Engineering Practices

- Agile & Scrum
- Software Testing & QA
- Debugging & Performance Optimization
- Project Management

### Soft Skills

- Problem Solving
- Communication & Team Collaboration
- Time Management in Agile Environments

## REFERENCES

S.M.B. Harshanath - Senior Lecturer  
SLIIT-MALABE  
Email:- harshanath.s@slit.lk | contact - 077 776 2423

Thanuj Igalawithana - Senior Technical Lead  
Atlink Communications Pvt. Ltd.  
Email:- thanuj@atlinkcom.com | contact - +358449253934



## PROFILE

Highly motivated Software Engineer with hands-on experience in Android development (Java), PHP backend engineering, RESTful API design, and full-stack web development. Skilled in building production-ready mobile applications, company websites, and admin dashboards with strong attention to performance, reliability, and user experience. Experienced in debugging, quality assurance, version control, and integrating third-party APIs. Adept at collaborating with cross-functional teams, delivering features on time, and maintaining clean, scalable codebases. Passionate about solving real-world problems through efficient, well-engineered software solutions.



## WORK EXPERIENCE

### Lakmini International PVT LTD

2025 - PRESENT

#### Full Stack Software Engineer Internship

- Designed and implemented RESTful APIs, improving backend communication efficiency and reducing data retrieval time.
- Developed and deployed production-ready Android applications using Java, including publishing, maintaining, and optimizing apps on the Google Play Store.
- Built responsive company websites and admin dashboards that improved internal workflow, data visibility, and usability.
- Performed developer-level QA, including debugging, regression testing, code reviews, and performance optimization to ensure high-quality releases.
- Integrated third-party APIs and services such as authentication modules, payment gateways, analytics, and notification systems.
- Collaborated closely with product, design, and QA teams to gather requirements, plan features, and deliver updates efficiently.
- Developed backend modules using PHP, implementing secure data handling, optimized database queries, and modular architecture.
- Used Git/GitHub for version control, managing branches, pull requests, and code reviews for smooth team collaboration.
- Enhanced application performance, fixed production issues, monitored crash reports, and improved overall user experience.
- Created technical documentation, API references, workflows, and deployment notes to support development and onboarding.



## EDUCATION

### BSc (Hons) in Information Technology - Software Engineering

Sri Lanka Institute of Information Technology (SLIIT), Malabe  
2023 - Present | Malabe

### G.C.E A/L Physical science stream

Mahinda College Galle  
2022 A/L



# PROJECTS

---

## Movie & TV Streaming Web Application

Full-stack movie and TV series streaming platform with dynamic content loading and Server-Side Rendering (SSR).

Technologies: Next.js, Movie APIs, SSR

- Built with Next.js (React framework) and integrated external Movie & TV APIs.
- Implemented Server-Side Rendering (SSR) for optimized performance and SEO.
- Designed a modern, responsive UI for desktop and mobile.
- Enabled real-time movie and TV content browsing with detailed metadata.

## Live TV Streaming Platform

Secure live TV streaming platform with user authentication and region-based content access.

- Technologies: Next.js, Authentication, API
- Implemented secure authentication with email verification.
- Integrated API-driven live TV streaming with region-based channel availability.
- Managed protected routes and secure session handling.
- Designed a scalable, modular architecture suitable for production.

## PayZone - Reward-Based Quiz App

Mobile application that rewards users for answering quiz questions correctly.

Technologies: Android, Java, AdMob, REST API

- Contributed to the development of a Play Store-published app with 100K+ downloads.
- Implemented real-time question handling and user progress tracking.
- Integrated ad monetization and reward mechanisms.
- Ensured scalable backend API integration for performance.

## Parent Pal AI - Parenting Assistant

AI-powered parental support application designed to strengthen parent-child communication.

Technologies: Android, AI Integration, Child-safe UI

- Built an AI-driven assistant for parental guidance and digital safety awareness.
- Designed a child-friendly UI/UX to support parent-child interaction.
- Implemented secure data handling practices.
- Published and maintained on Google Play Store.

## File Recovery - Data Recovery App

Mobile application capable of recovering deleted files and tracking location.

Technologies: Android, File Systems, Location API

- Developed recovery for deleted images, audio, PDFs, and documents.
- Implemented optimized file scanning and restoration logic.
- Integrated location tracking features for user safety.
- Optimized performance for large storage scans.

## File Finder - Smart File Manager

File management and recovery application focused on quick scanning and categorization.

Technologies: Android, File Management, Java

- Built smart file scanning and categorization features.
- Implemented fast file search and filtering capabilities.
- Designed a user-friendly file management UI/UX.
- Deployed and maintained on Google Play Store.



# PROJECTS

---

## AiVision - AI Chat & Image Generator

AI-powered app featuring customizable chat assistants and image generation.

Technologies: Android, AI Models, Image Generation

- Contributed to the development of multiple AI chat assistants.
- Integrated AI-based image generation features.
- Developed a modern UI with smooth user experience.
- Implemented API-based AI service integration.

## Travel Aura Website

Modern travel and tour discovery platform for exploring destinations and managing inquiries.

Technologies: React.js, Tailwind CSS, MongoDB, PHP, REST APIs

- Designed and developed a responsive, user-friendly website.
- Built dynamic front-end pages with modern UI/UX principles.
- Implemented backend logic using PHP and REST APIs.
- Developed an admin dashboard to manage destinations and packages.

## Local Loop Mobile App

Mobile marketplace platform connecting local buyers and sellers within nearby communities.

Technologies: Firebase, React Native, NativeWind CSS

- Designed and developed the full mobile application with user authentication.
- Implemented secure login, product uploads, and in-app messaging.
- Integrated RESTful APIs for seamless data retrieval.

## Smart Waste Management System

IoT-based solution to address waste management issues in the Galle District.

Technologies: MERN Stack, Arduino, C

- Developed a full-stack web application to monitor waste collection.
- Tracked bin levels in real time using IoT sensors.

## Online Movie and TV Series System (OOP Java)

Object-oriented Java web application simulating an online browsing system.

Technologies: HTML, CSS, JavaScript, PHP, Java

- Designed using OOP principles for modularity and maintainability.
- Implemented browsing and content management functionalities.

## Live Radio Streaming Website

Full-stack web application for streaming live radio channels using API-based data sources.

Technologies: Next.js, REST APIs, JavaScript

- Developed a live radio streaming website using Next.js with dynamic content loading.
- Integrated third-party radio streaming APIs to fetch live stations and stream URLs.
- Implemented server-side data fetching for improved performance and SEO.
- Designed a responsive and modern UI for seamless listening on desktop and mobile devices.
- Managed real-time playback, channel listing, and metadata display.