

NIPUNI NUWANTHIKA

PROFILE SUMMARY

IT undergraduate skilled in React Native and Flutter development. Experienced in building mobile applications with Node.js and Spring Boot backends. Passionate about creating user-friendly cross-platform solutions.

EDUCATION

Institute of Technology University of Moratuwa

Higher National Diploma- IT

GCE Advanced Level Examination- 2022
Stream: Physical Science

SKILLS

Problem-solving and troubleshooting skills.

Creativity

Teamwork, leadership, and adaptability.

Fast learning ability and collaboration

Flexibility and communication skills.

TECHNICAL SKILLS

- Mobile Development: React Native, Expo, Flutter,
- Frontend Technologies: React.js, HTML, CSS, JavaScript,TailwindCss
- Backend Technologies: Node.js, Spring Boot, REST APIs
- Databases: MySQL
- Development Tools: Git, GitHub, VS Code, Android Studio
- UI/UX Design: Responsive Design, Material Design, Figma
- Programming Languages: JavaScript, Python, Java

CERTIFICATIONS

- Certificate Course on Computer Literacy conducted by Open University (2022)

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No.18/5, Pahanwatta 'A', Dodanoda, Kalutara

PROJECTS

Library Management System2024

- Developed a console-based application to manage book records, issue, and return transactions- Implemented features for adding, updating, search ing, and deleting library data with persistent file storage
- Technologies: Python, File I/O operations

Expense Tracker App2025

- Built a financial tracker to record and categorize in come and expenses- Technologies: React Expo, Spring Boot backend

Digimart E-commerce App(ongoing)2025

- Full-stack mobile application using React Native Expo + Node.js + MySQL
- Features: User authentication, product catalog, shopping cart, investor affiliate marketer connection- Technologies: React Native, MySQL, JWT authen tication

HiddenLanka- AI-Powered Travel Assistant Mo bile App2025 (ongoing)

- Architected an innovative AI-powered mobile application connecting travelers with authentic Sri Lankan experiences using an agentic AI system with orchestration agent and specialized sub-agents for personalized recommendations
- Built comprehensive technical architecture featuring React Expo Go frontend, Python FastAPI backend, Neo4j knowledge graph, Google Vertex AI integration, and a multi-database strategy supporting real-time personalization and cultural experience discovery
- Technologies: React Native (Expo Go), FastAPI, Neo4j, Vertex AI, MySQL/Firebase

REFERENCES

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