

DINUKA KESHAN

Software Engineer | Full-Stack Developer | React.js Specialist

Malabe, Sri Lanka | +94 740 276 450 | keshan.contact@gmail.com

[Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Medium](#)

PROFILE SUMMARY

Motivated and detail-oriented Software Engineering undergraduate with hands-on experience in full-stack development across web, mobile, and desktop platforms. Proficient in JavaScript, Java, Python, and C# with a strong understanding of software development principles, including Object-Oriented Programming (OOP) and Model-View-Controller (MVC) architecture. Skilled in building scalable and interactive applications using modern technologies such as React, Node.js, Spring Boot, and Flutter. Seeking an internship opportunity to apply technical skills, gain real-world experience, and contribute to innovative software projects within a collaborative, agile development environment.

EDUCATION

B.Sc. (Hons) in Information Technology

Sri Lanka Institute of Information Technology (SLIIT), Sri Lanka

2022 Oct– Present

G.C.E. Advanced Level – Commerce Stream

St. Anne's College, Sri Lanka

2018 – 2020

SKILLS

- **Programming Languages:** JavaScript, TypeScript, Java, Python, C#, Dart, SQL, HTML, CSS
- **Frontend Development:** React.js, Next.js, Vite, Tailwind CSS, Bootstrap, Responsive Web Design
- **Backend Development:** Node.js (Express.js), Spring Boot, .NET, PHP
- **Database Systems:** MySQL, MongoDB, Firebase (Firestore, Realtime Database)
- **Mobile Development:** Flutter, React Native (Basic), Firebase Integration
- **Desktop Development:** .NET (WinForms, WPF)
- **Full-Stack Development:** MERN Stack, RESTful API Development, Authentication & Authorization (JWT, OAuth)
- **Development Practices:** Object-Oriented Programming (OOP), Model-View-Controller (MVC), Data Structures and Algorithms, Agile (Scrum), UI/UX Design
- **Tools & Platforms:** Git, GitHub, Visual Studio Code, Visual Studio, Eclipse, Android Studio, Postman, Figma, Trello, Jira
- **Soft Skills:** Analytical Thinking, Problem Solving, Team Collaboration, Time Management, Adaptability, Communication
- **Languages:** Sinhala (Native), English (Fluent)

PROJECTS

Home Stock Management System – beaver-h1

Role: Financial Management Developer

Tools: Flutter, Dart, Node.js, MongoDB, GitHub, Retrieval-Augmented Generation (RAG)

- Designed and developed the financial management module for a household budget tracking app
- Integrated Retrieval-Augmented Generation (RAG) to generate personalized financial insights
- Built interactive budgeting and expense analytics using Flutter and MongoDB
- Contributed to backend logic with Node.js and managed source code via GitHub

Learning Management System – Learnify

Role: Student Room Feature Developer

Tools: React, Vite, Tailwind CSS, Spring Boot, MongoDB

- Implemented real-time chat and file-sharing features for collaborative learning
 - Developed Built responsive UI components with React and Tailwind CSS
 - Backend logic using Spring Boot and handled data storage with MongoDB
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Academic Social Platform – Codeverse

Role: Course Section & Authentication Developer

Tools: React, Vite, Tailwind CSS, Node.js, Express.js, MongoDB, Google OAuth, JWT, Bcrypt

- Built secure authentication using Google OAuth, JWT (JSON Web Tokens), and Bcrypt
 - Developed course creation and enrollment features for instructors and students
 - Integrated RESTful APIs and managed user data with MongoDB
 - Configured Google Cloud Console for authentication flow and access control
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E-commerce Platform – Lizard

Role: Buyer Section Developer

Tools: React, Tailwind CSS, Node.js, Express.js, MongoDB

- The buyer-side interface for a B2B clothing marketplace
 - Implemented product filtering, browsing, and checkout functionality
 - Built responsive layouts using Tailwind CSS and managed APIs with Node.js and Express.js
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E-commerce Application – Herb Care

Role: Add to Cart Feature Developer

Tools: React, Tailwind CSS, Node.js, Express.js, MongoDB

- Designed and implemented the “Add to Cart” module with real-time cart updates
- Integrated frontend and backend via RESTful APIs, ensuring seamless functionality
- Managed cart operations and product data using MongoDB

PERSONAL PROJECTS

Tic Tac Toe Mobile App

Tools: Kotlin, Android Studio

- Developed a classic Tic Tac Toe game for Android with responsive UI and smooth gameplay
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Personal Portfolio Website

Tools: React, Vite, Tailwind CSS, Vercel

- Designed and deployed a fully responsive personal portfolio to showcase technical skills
- Implemented modern UI principles and automated deployment with Vercel

CERTIFICATION

Full Stack Developer Trainee Program – University of Moratuwa

- Python Programming – Verification Code: c6mGYSkX90
- Web Development – Verification Code: Ybqb94FJQ7

REFERENCES

Reference available upon request.