



Kavinda Kiridana

Junior Software Engineer

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Driven and detail-oriented junior software engineer with hands-on experience in enterprise system development using ASP.NET and SQL Server. Passionate about designing scalable, efficient software solutions while continuously expanding skills in .NET, Flutter, React, Node.js, and C++ (embedded systems). Eager to contribute to dynamic projects that blend innovation and real-world impact, while growing as a full-stack developer capable of bridging backend efficiency with modern user experiences.

EXPERTISE

Frameworks: .NET, Laravel, Node.js, Express.js, React.js, Bootstrap, Flutter

Languages: C#, PHP, TypeScript, C++, HTML, CSS, SQL, Java

UI/UX Tools: Figma, Canva

IDEs & Tools: VS Code, Visual Studio, Android Studio, IntelliJ IDEA, Trello, PlatformIO, Postman, Docker, IIS Server

Version Control: GitHub

DBs: MS SQL Server, Oracle, MySQL, Firebase, MongoDB, XAMPP

EDUCATION

University of Plymouth, UK

Sep 2022 - Sep 2025

BSc(Hons) Software Engineering

Awarded: Second Class Honours (Upper Division)

Thurstan College Colombo

Apr 2018 – Jul 2021

Physical Sciences in GCE Advanced Level 2020 | BSC Passes

GCE Ordinary Level 2017

8A Passes & C Pass

WORK EXPERIENCE

Trainee Software Engineer

Renuka Agri Foods PLC – Colombo (July 2025 – Present)

Developed IT asset system and milk system for the Renuka Group.

Responsible for system development, maintenance, and user support

Technologies: C#, .NET, SQL Server, IIS, TypeScript, React

Trainee Software Engineer

Sri Lanka Telecom Head Office - (May 2024 – Nov 2024)

Developed SLT Call Tagging Application

Engaged in client communication, requirement gathering, and technical documentation

Technologies: C#, ASP.NET MVC, Bootstrap, MySQL, Laravel

OTHER

Top 10 Finalist – Douthan 3.0 Builathon by IEEE NSBM (2023)

Committee Member – Buddhist Society NSBM Green University (2022 – 2025)

PROJECTS

Milk Collection System

Technologies: ASP.NET, MS SQL Server, IIS

Developed a module of an existing enterprise system to streamline data entry and management for milk collection centers. The system allows authorized users to record, view, and control milk quantity, SNF, FAT, and farmer details with timestamps.

Currently in use at Richlife Dairies Limited.

(Individually developed)

IT Asset Requesting System

Technologies: ASP.NET Web Forms, MS SQL Server, IIS

Built a web-based solution to digitalize the capital expenditure (CAPEX) request process within the Renuka Group. The system manages IT asset requisitions end-to-end — from submission and approval to tracking — replacing a previously manual process.

Currently in use at Renuka Group.

(Individually developed)

Smart Greenhouse System

Technologies: Python, Firebase, C++, NodeMCU, PlatformIO, VS Code

Designed and implemented an IoT-based automated greenhouse system to improve vanilla cultivation. Integrated sensors (DHT11, LDR, soil moisture) for real-time environmental monitoring and automated mist irrigation. Developed a model to predict vine growth and a web dashboard for remote monitoring and control.

(Individually developed)

SLT Call Tagging Application

Technologies: ASP.NET MVC, MySQL

Modified and enhanced an existing enterprise system to help telecom customer service teams systematically record, categorize, and analyze customer inquiries and complaints. The system enables better issue tracking and service improvement through data-driven insights.

Currently in use at Sri Lanka Telecom Head Office.

(Group project)

CERTIFICATIONS

- Public Speaking in English – Rainbow Institute (May 2025)
- Intermediate English – British Council (Mar 2023)
- Web Design & Python – University of Moratuwa (2022)
- AR App Development (Unity & Vuforia) – Udemy (May 2023)
- Diploma in HR, Accounting & MS Office – ICET (2021–2022)

REFERENCES

Mr. N.J.P. Gunasekera

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