Dulshan Induwara Software Engineer Intern

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ABOUT

I am an enthusiastic IT undergraduate with a strong passion for software engineering and problem-solving. I enjoy exploring new technologies and taking on challenges that enhance my skills and knowledge. With a focus on teamwork, adaptability, and creativity, I am eager to contribute positively to projects while gaining valuable experience to support my professional growth and future career in the tech industry.

EDUCATION QUALIFICATIONS

BSc (Hons) in Information Technology, *University of Moratuwa*   2022 – 2027
- CGPA:3.14

GCE Advanced Level, *Central College Kuliyaptiya*   2021
Z score - 2.002

Diploma in Information Technology, *Waymba University of Srilanka*   01/2022 – 01/2023

ACHIEVEMENTS

CodeArena25, *Hackathon-(1st place)* 🔗   22/10/2025

DevQuest-Codefest, *Ideathon*   01/12/2024
Particpation

TECHNICAL SKILLS

Languages	**Frameworks**	**DevOps & Tools**	**Databases**
• C	• ASP.NET Core	• Git/GitHub	• MySQL
• Java	• Next.js, React.js	• .GitLab, Maven	• PostgreSQL
• JavaScript	• TailWind CSS	• Postman	• SQL Server
• Python	• VB.NET	• AWS	• MongoDB
• C#			

SOFT SKILLS

- Team Work
- Problem-Solving
- Self Learning
- Critical Thinking

KEY PROJECTS

CookBook – Interactive Cookbook & Streaming Platform, *Level 2 -Software Project* 🔗   06/2024 – 06/2025
Built a wellness forum with responsive UI using Next.js (TypeScript) & Tailwind CSS, RESTful APIs with ASP.NET Core, and MS SQL via Entity Framework Core. Features include user posts, comments, and a custom diet planning calculator, developed in an Agile team.
- **Tech Stack:** Next.js (TypeScript), Tailwind CSS, ASP.NET Core Web API, Entity Framework Core, MS SQL

Automobile Service Time Logging & Appointment System,   09/2025 – 2025/11
Level 3 – Enterprise Application Development Project 🔗
The Automobile Service Management System enables customers to book appointments,
view real-time service progress, and request modifications, while employees can log time,
update progress, and monitor workloads. I developed the backend using Spring Boot with
role-based authentication and RESTful APIs, and contributed to building the frontend
with React.js and real-time updates using WebSockets.
- **Tech Stack**: React.js, Tailwind CSS, Spring Boot, SQL Server, Docker, WebSockets

UniShare – University File Sharing & Communication System,   10/2025 – 11/2025
Level 3 — Academic Project(Network Programming) 🔗
A web-based platform that enables university students to share study materials, upload
files, and collaborate through module-based real-time chat. Includes organized file
libraries, drag-and-drop uploads, and analytics for monitoring user activity.
- **Teck Stack:** Core Java, ReactVite, Javascript, postgresql

UniversityEvents-MobileApp,   11/2025
Level 3-academic project(Mobile Application Development) 🔗
A modern cross-platform mobile application built to help university students discover,
register for, and manage campus events. The app includes authentication, dynamic event
listings, category filtering, favorites management, and an AI-powered chatbot assistant. It
ensures a smooth user experience using clean UI design, optimized navigation, and
persistent state management.
- **Tech Stack:** React Native (Expo),Typescript

GoGoSnake – Interactive Snake Game, *Level 3-Hardware project(academic project)* 🔗   02/2023 – 05/2024
GoGoSnake is a modern snake game built on Raspberry Pi, featuring 3D NeoPixel LED
visuals, dual remote controllers, and load cell detection for an interactive gaming
experience. Developed using MicroPython on Raspberry Pi Zero 2W, with Next.js for the
frontend and FastAPI for backend services.
- **Tech Stack:** MicroPython (Raspberry Pi Zero 2W), Next.js, FastAPI

College Management System, *DIP in IT(Wyamba University of Srilanka) - personal project*   01/2024 – 04/2024
Developed a College Management System using VB.NET with SQL Server integration,
featuring student records, courses, attendance, exams, faculty management, and secure
authentication. Integrated Crystal Reports for advanced reporting and used PHP with
MySQL alongside Figma for design to enhance administrative efficiency.
- **Tech Stack:** VB.NET, PHP, MySQL, Figma

EXTRACURRICULAR ACTIVITIES

Membership IEEE   2024 – 2025

Membership INTECS   2023

References

Mr. Supun Jayarathne, *Senior Software Engineer,* BISTEC GLOBAL SERVICES
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Ms. Nipuni Chandamali, *Lecturer,* University of Moratuwa
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