



# HESHAN YATIGAMMANA

IT UNDERGRADUATE | SOFTWARE ENGINEER INTERN

## CONTACT

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## TECHNICAL SKILLS

### Programming Languages

- C
- C#
- Java
- JavaScript
- TypeScript

### Backend Frameworks

- ASP.NET Core
- Node.js/ Express.js

### Frontend & Mobile Application Development

- React.js
- Flutter
- Next.js
- Tailwind CSS
- HTML
- CSS

### Databases

- SQL Server
- MySQL
- MongoDB

### Cloud & DevOps

- Azure
- Git
- GitHub



## PROFILE

I am a highly motivated individual with a robust technical skill set, thriving in self-directed learning and adept at embracing new technologies. I am eager to secure a software engineering internship where I can apply my expertise and passion for innovation to drive impactful solutions and foster continuous growth.



## EDUCATION

**University Of Moratuwa** 2023-2027  
Faculty Of Information Technology  
Bachelor of Science Honors in Information Technology  
**CGPA: 3.73/4.0** (Dean's List for semester 2)

**Ranabima Royal College - Kandy** 2011-2019  
G.C.E. (A/L) in Physical Science Stream (2019)



## PROJECTS

**V-APP - Vehicle Service Management System** 2024 - 2025  
(Second Year Software Project)  
Full Stack Developer, UI/UX Designer | Associated with Digital400

- V-APP is a mobile and web platform for vehicle maintenance, enabling appointment booking, service history tracking, cloud document storage, and real-time notifications. Features include OTP/social login, PDF report generation, and role-based admin control.
- Technologies:** Flutter, Next.js, .NET Core, MS SQL Server, Azure Blob Storage, Firebase, Jira, GitHub, Figma.

**Matrimantra - Web-based Matrimony Platform** 2025  
Full Stack Developer | Associated with Lushware Project Base

- Matrimantra is a web-based matrimony platform designed to connect users for marriage, featuring advanced profile filtering (age, religion, location), opposite-gender matching, horoscope compatibility, and subscription tiers (Free, Basic, Premium, VIP). It supports user profile management, interest requests, and a responsive UI with a landing page, user list, admin dashboard, and horoscope matching system.
- Technologies:** React Vite, Node.js, Express.js, MongoDB, Tailwind CSS

Other Skills

- UI/ UX Design (Figma)
- Arduino
- ESP 32

Soft Skills

- Problem Solving
- Team Work
- Time Management
- Communication

Certifications

- Azure App Services Mystery  
Microsoft Learn
- Docker Training Course for Absolute Beginner  
KodeKloud
- Python API Development with FastAPI  
KodeKloud
- Introduction to ASP.NET Core  
Great Learning
- Introduction to SQL  
Great Learning

Competitions

- Haxmas - CodeGolf 2024  
8th Place
- Hackmoral 7.0  
10th Place
- MoraXtreme 9.0  
28th Place
- Hack this fall 2024  
Participation
- Tech Triathlon 2024  
Participation
- Devthon 2.0  
Participation
- Intellihack 5.0  
Participation
- AlgoXplore  
Participation

Referees

- Dr.(Ms) Supunmali Ahangama  
Senior Lecturer,  
Department of Information Technology  
Faculty of Information Technology  
University of Moratuwa  
Email: supunmali@uom.lk
- Sahan Nagodavithana  
Senior Software Engineer,  
Digital400  
Email: sahann@digital400.com  
Phone: +94 76 630 1235



PROJECTS( CONT. )

TripSuthra - National Tourism Solution 2024

Full Stack Developer, UI/UX Designer

- TripSuthra developed a streamlined plan for Sri Lanka travel, simplifying visa applications and offering personalized recommendations. Key features include an admin dashboard for visa management, an AI chatbot for trip suggestions, and an interactive, data-rich trip map.
- **Technologies:** SQL, TF-IDF, Random Forest, Tailwind CSS, Node.js, React, and Gemini API

Baby Driver - Microcontroller based Interactive game 2023 - 2024

(First Year Hardware Project)

Full Stack Developer & Embedded System Developer | Associated with UOM

- Baby Driver is an educational game for young students, using a smartphone app to control a remote car for learning tasks, with a web app managing gameplay and real-time feedback.
- **Technologies:** MIT App Inventor, Arduino, ESP32, React, Node.js, RFID

FoodLens - Health and Nutrition Tracking Application 2025

Full Stack Developer, UI/UX Designer

- FoodLens is a web app for tracking meals, activity, and mood, featuring a dashboard with real-time health metrics. It includes AI-powered meal planning and diet recommendations
- **Technologies:** Next.js, Node.js, MongoDB, Tailwind CSS, Spoonacular API, News API

Innovate with Ballerina 2025 Official Website 2025

Frontend Developer, UI/UX Designer | Associated with IEEE SB UOM

- Collaborated on the development of the official website for Innovate with Ballerina 2025, a web development competition organized UOM and WSO2
- **Technologies:** React Vite, Tailwind CSS, Three js, GSAP, FramerMotion

MoraForesight 3.0 Official Website 2025

Frontend Developer, UI/UX Designer | Associated with IEEE SB UOM

- Collaborated on the development of the official website for MoraForesight 3.0, organized IEEE SB UOM
- **Technologies:** Next js, Tailwind CSS, TypeScript, GSAP, FramerMotion



EXTRACURRICULAR

Open-Source Contributor - Hacktoberfest 2024

IEEE Student Branch of University of Moratuwa

- MoraForesight 3.0 - Web Design Committee 2025
- Innovate with Ballerina 2025 - Web Design Committee 2025
- FINNC 25 - Logistics Committee 2025

IoT and Embedded System Labs, Faculty of IT, UoM

- Member & Developer 2025

Rotaract Club - University of Moratuwa

- UrbanScape - Project Co-Chair 2024
- MonsterMash 2.0 - Organizing Committee 2023
- World Peace Day Virtual Debate - Organizing Committee 2024