



# Nipun Madhushan

IT UNDERGRADUATE, UNIVERSITY OF MORATUWA

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## About Me

Passionate and skilled undergraduate committed to achieving goals and embracing challenges. Responsible team player with friendly leadership qualities, adaptable, and goal-focused. Seeking a Software Engineering position to apply and explore emerging technologies in IT.

## Technical Skills

### Programming Languages

- Java
- C
- Python
- JavaScript

### Web Development

- Node.js
- React.js
- Next.js
- HTML
- CSS
- MUI
- Tailwind CSS

### Database

- MSSQL
- OracleDB
- MongoDB
- MYSQL

### Version Control

- Git

## Education



### University of Moratuwa-Faculty of Information Technology B.Sc. (Hons) in Information Technology

Current GPA 3.76 Out Of 4.0 (up to L2S1)

L2S1-4.00 (Dean's List)

L1S2-3.86 (Dean's List)



### Jayahela National School

2020 A/L -Common Stream(Combined Maths,Physics,ICT)



### Esport Metro Campus

Diploma in Information Technology

## Projects

### 01) Homly Holiday Home Booking System(2024)

**Role - Full-Stack Developer**

**Client Company-Inova IT Systems (Pvt) Ltd**

#### Level 02 Software Project

Our project involves developing a holiday home booking system for Inova IT Systems to manage their holiday homes.

In this System I'm Contributed to creating the primary admin dashboard to display statistics. Additionally, I'm tasked with managing the blacklist, including activities such as viewing complaints, adding to the blacklist, removing from the blacklist, and maintaining a blacklist history. Furthermore, I'm responsible for the home acceptance process and the management of location administrators, which includes adding, editing, disabling, and resetting their Passwords.

**React.js,Node.js ,OracleDB**

### 02) Vehical Repair Shop Web Application (on going)

**Role-Full-Stack Developer**

**Client Company-Sanhith Automobile and Spare Parts (Pvt) Ltd**

A tailored web application designed for a vehicle repair center to manage and track repair jobs, monitor suppliers, and oversee staff operations.

**Next.js,MongoDB**

Operating System

- Windows
- Ubuntu

Graphic Design

- GIMP

Other

- Figma

Soft Skills

- Communication
- Problem Solving
- Leadership
- Creativity
- Adaptability

Languages

- Sinhala
- English

Interests

- Web Development
- Mobile Development
- AI
- Cricket
- Music

Referees

**DR.(MS) GANEGODA G.U**

Senior Lecturer Grade I  
Department of interdisciplinary Studites,  
Faculty of Information Technology,  
University of Moratuwa, Sri Lanka,  
10400

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**P B S R KARUNARATHNE**

Software architect  
Inova IT Systems (Pvt) Ltd,  
No 5 Sulaiman Terrace,  
Colombo 05  
Phone : +94777 915 916  
Email : sureshpdn@gmail.com

**03) VIP Travels Web (on going)**

**Role-Front-End Developer**  
**Client Company-VIP Travels (PVT) Ltd**

Vip Travels is a vehicle rental service platform in Sri Lanka, offering a range of transportation options, including cars, vans, and luxury vehicles. The website provides an easy-to-navigate interface for users to browse available vehicles and make bookings directly online.

**React.js**

**04) E-Commerce Website For PStores(2024)**

**Role-Full-Stack Developer**  
**Client Company-PSotre (PVT) Ltd**

In this project, we are developing an e-commerce website for a grocery store, enabling online purchasing of groceries.

In this project, I am responsible for creating the home page for viewing products and activities such as searching, adding to the cart, and other cart-related activities. I worked on both the frontend and backend parts of the project.

**React.js,Node.js,MYSQL**

**05) The Automated Watering System(2023)**

**Role-IOT Developer**

**Level 01 Hardware Project**

We Developed an automated garden watering system using soil moisture sensors to measure soil status. Each sensor is paired with a sprinkler, all connected to a home control panel with a keypad and display via wireless radio signals. Each sprinkler is controlled from the home panel and waters at specific times when the soil is dry.

In this project, I was responsible for creating wireless data transmission between the home control panel and sprinklers using NRF modules.

**Arduino ,Arduino IoT Cloud ,ESP32**

Hackathons

**CodeRush2023**

Fifth Place

**Real Hack 2023**

Participation

**CodeRush 2022**

Participation

**MoraXreme 2022**

Participation

**Duothan 3.0**

Participation

Extracurricular Activities

**School Prefect 2018-2020**

**School Cricket Team Member**