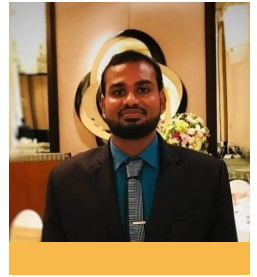


# Dinuka

# Themiya



## + Personal Information

📍 Agalawatta, Kalutara 12224, Sri Lanka  
☎ +94714928354  
✉ dinukathemiya@gmail.com

## + Profile

Trainee Full Stack Developer with a engineering background, proficient in ReactJS, Spring Boot, and Java. Demonstrated ability to swiftly master new technologies, with a year of successful software industry experience. Proactive in seeking opportunities for continuous learning and growth.

## + Technical Skills

Springboot

ReactJS

HTML

CSS

bootstrap

MySQL

Java

JavaScript

OOP

Version Control (Git)

NestJs

TypeScript

JavaFx

## + Tools and IDEs

IntelliJ IDEA

Visual Studio Code

Netbeans

Postman

Figma

draw.io

MySQL Workbench

## + Skills

### 📌 LANGUAGES

English

Sinhala

### 📌 SOFT SKILLS

Team collaboration

Strong Problem Solving

Great Communication

Adaptability

Critical Thinking

## + Education

📅 02/2016 – 06/2020

**Bsc Engineering (Hons) in Electrical & Electronic Engineering**  
Srilanka Institute of Information Technology (SLIIT)

📅 03/2023 – PRESENT

**Higher Diploma in Softwear Engineering**  
Institute of Computer Engineering Technology

## + Work Experience

📅 04/2024 – PRESENT

**Software Engineering Trainee**  
RedCode Solution

- Contributing to the development of a multivendor e-commerce platform using NestJS, TypeScript, and MySQL
- Developing RESTful APIs to facilitate seamless frontend-backend communication
- Designing and implementing JWT-based authentication and authorization systems, ensuring secure access for all user types
- Collaborating on database optimization to enhance query performance and maintain data integrity

📅 01/2021 – 02/2024

**Design Engineer**  
SOA Solutions (Pvt) Ltd

- Developed innovative product designs by collaborating with cross-functional teams to meet customer requirements and industry standards.
- Conducted in-depth research and analysis to optimize product performance and reduce manufacturing costs.
- Utilized CAD software to create detailed engineering drawings and 3D models for prototyping and production.
- Led design reviews and testing processes to ensure product quality and functionality before final production.

📅 11/2018 – 01/2019

**Trainee Engineer**  
Fentons Limited

## + Work Experience

- Collaborated with cross-functional teams to troubleshoot and resolve technical issues in a timely manner.
- Participated in on-site visits to observe and learn about the operation and maintenance of equipment and systems.
- Developed and implemented test plans to evaluate the performance and reliability of prototypes and existing products.

📅 11/2017 – 01/2018

### **Trainee Engineer** **Sri Lanka Rupavahini Corporation**

- Participated in technical training sessions to enhance knowledge of engineering principles and industry standards.
- Collaborated with team members to troubleshoot and resolve technical issues during equipment testing.
- Supported project managers in creating project schedules, monitoring progress, and completing documentation for regulatory compliance.

## + Academic Projects

### **Web Based POS System**

<https://github.com/dinuka00/POS-SYSTEM-FRONTEND> <https://github.com/dinuka00/POS-SYSTEM-BACKEND>

- Developed a POS system frontend using React JS and backend utilizing Spring Boot
- Implemented functionality for creating, updating, and deleting customers, items, and item categories within the system

### **Vehicle Management System for Hiring Company**

<https://github.com/dinuka00/CAR-HIRE-LAYERED>

- Developed a project utilizing Java and JavaFX to facilitate create, update, and delete operations.

### **Conducting an energy audit and implementing a home energy management system**

- Conducted energy audits for ten selected houses as part of final year project
- Implemented home energy management system to optimize energy efficiency
- Provided innovative solutions to reduce energy wastage in residential properties

### **Designed automated system to sort objects according to the color and height**

- Designed ladder logic for project implementation using PLC and various industry-standard devices
- Successfully implemented system to meet project objectives
- Utilized expertise in PLC programming to optimize

## + Academic Projects

system performance and functionality

## + Certificates

### **Comprehensive Master Java Developer Institute of Software Engineering (IJSE)**

Certification: Comprehensive Master Java Developer from the Institute of Software Engineering.

## + References

📍 NIROTH@ICET.LK, +947107640600

### **Dr. Niroth Samarawickrama** **Lecture, Institute of Computer Engineering Technology**

223 A 1/2, Galle Road,  
Panadura,  
Sri Lanka.

📍 PRIYAN.KKK@GMAIL.COM, +46762213332

### **Mr. Priyanka Kulathilake** **Software Engineer Worldline**

Sweden AB,  
Stockholm.

## + Related Links



@DinukaThemiya



@dinuka00