Nipun Lakshitha

Detail-oriented Full Stack Developer with a solid foundation in JavaScript, Java, Python, C, React, Node.js, and MongoDB, and MySQL. Skilled in building responsive web and mobile applications with additional knowledge in Machine Learning concepts and applications. Strong problem-solving abilities with experience in IoT-based and database-driven projects. Eager to apply technical expertise and grow in modern software development and AI-driven solutions.

📞 Contact Me

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- Ambagahawaththa, Thotagoda, Akmeemana

Pilana Vithanage Nipun Lakshitha
Nic no :-   200030301808
Date of birth day :-   29/10/2000

🎓 Education

University of colombo
Bsc (Hons) in Electronic and Information Technology

SITC Campus
Completed Diploma in Cyber Security and Ethical Hacking

Mahinda Collage, Galle
- Successfully passed G.C.E (A/L) with 3Bs in 2019 Maths stream
- Successfully passed G.C.E (O/L) with 9As in 2016

Coursera
React Basics
React Native

🗂 Languages

- Sinhala (Native)
- English (Professional Working Proficiency)

Reference

Dr. Darshana L Weerawarne
SENIOR LECTURER – GRADE II
Department of Physics,
University of Colombo
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Mr. M. K. W. Prins Dias
Retired Bank Manager,
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Experience

Software Developer – ITS Data Link Pvt Ltd | Galle
May – Aug 2025
- Developed and maintained full-stack applications, improving system efficiency and user experience.
- Collaborated with cross-functional teams to deliver customized solutions for client requirements.

Intern – Sri Lanka Water Partnership | Colombo
Jan – May 2025
- Redesigned and launched the organization's website.
- Built an admin panel and database system, enabling streamlined content and resource management.
- Presented progress reports and collaborated with stakeholders to ensure project success.

Volunteering & Leadership

IT Director – Founding Board | Jun 2023 – Nov 2024
UOC Ventures Club, University of Colombo
- Spearheaded IT operations and digital infrastructure for the newly established club, supporting entrepreneurship and innovation initiatives.

Joint Director – IT | Jul 2022 – Jul 2023
Rotaract Club of Faculty of Science, University of Colombo
- Led IT initiatives, supported digital transformation for club projects, and improved internal communication systems.

Marketing Director | Jul 2022 – Jul 2023
Leo Club of University of Colombo Faculty of Science
- Directed marketing campaigns and digital promotions, increasing visibility and engagement for social service projects.

Skills

- Programming language
  - **Python**
  - **JavaScript**
  - **Java**
  - **C**

- Database Management
  - **MySQL**
  - **MongoDB**

- Tools
  - **Git**
  - **Figma**
  - **VSCode**
  - **Postman**

- Other
  - **IOT**
  - **Embedded System**
  - **Machine Learning**

Projects

- ### Chat with Funds | chatwithfunds.com

  Role: Freelance Full Stack Developer
  Developed an AI-powered grant discovery platform to help users find suitable funds via text and PDF search. Implemented filtering system for users to narrow down results and access relevant opportunities efficiently. Built an admin dashboard for grant management, enabling admins to manually add and update funding opportunities.

- ### Redesign SLWP website with CMS System

  Role: Full-stack Developer
  Redesigned frontend of Sri Lanka Water Partnership website and developing a Content Management System and Database for Resources and reports using react, node.js and mongoDB

- ### Customer Churn Prediction System

  Role: Machine Learning Collaborator
  Developed Logistic Regression and SVM models to predict customer churn in banks. Contributed to model evaluation and provided insights.

- ### Stock Price Monitor and Email Alerts

  Role: Python Developer
  Developed a Python script to scrape real-time stock prices from Yahoo Finance and compare them with historical prices stored in a CSV file.
  Automated email alerts using smtplib to notify users when stock prices crossed predefined thresholds.

- ### Automated Medicine Dispenser

  Role: Embedded Systems Developer
  Developed an automated medicine dispenser using Atmega32 microcontroller with C, integrating a stepper motor for dispensing. Implemented an alarm system and GSM SIM900A module to send SMS reminders.

- ### Smart Clock with ESP32 & Alarm Bee App

  Role: Full Stack & Embedded Systems Developer
  Developed a smart clock with ESP32, integrated with Firebase and remote control via the Alarm Bee App. Built the App using Android Studio and Java for alarm and reminder, with QR code authentication.

- ### Point-of-Sale Mobile App

  Role: Mobile App Developer
  Developed a mobile app for point-of-sale services using Firebase and Android Studio with Java. Implemented features for real-time inventory and customer management and creating receipts.

- ### Parcel Management System

  Role: Front-end Developer (Mobile app)
  Developed a mobile app using React Native. Integrated IoT devices for real-time parcel tracking through app.