Dilum Andradi

Software Engineer Intern

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ABOUT ME

Enthusiastic and detail-oriented IT & Management undergraduate with a solid foundation in full-stack web development. Proficient in MERN stack, SQL, and Spring Boot, with hands-on experience in building dynamic and responsive web applications. Known for adaptability and teamwork, I am eager to bring my technical skills and creative problem-solving to a software engineering internship.

EDUCATION

B.Sc. (Hons) in Information Technology and Management   **2022 - 2026**
Faculty of Information Technology- University of Moratuwa
CGPA-3.20

Advanced Diploma in Business Management   **2021 - 2022**
National Institute of Business Management (NIBM)
Completed with a Distinction

G.C.E Advance Level   **2017 - 2020**
R/Eheliyagoda Central College
Physics - C , Chemistry - B , Com. Mathematics - C   General English - B

SKILLS

- **Programming Languages:** JAVA |C | JavaScript
- **FrontEnd Development**: HTML | CSS | JavaScript | ReactJS | Bootstrap | MUI
- **Backend Development :** NodeJS | SpringBoot
- **Database:** MongoDB | MySql
- **Designing Tools :** Figma | Photoshop |Premier Pro | Blender
- **IDE :** VsCode | InteliJ | CodeBlocks
- **Other:** Git | Arduino | Postman
- **Soft Skills :** Analytical Thinking & Problem Solving | Leadership | Team Work | Effective Communication
- **Languages :** Sinhala| English | Japanese | German

PROJECTS

Level 2 Software Project(2023-2024)

Interns Management System(IMS)

The IMS includes user profile management, CV uploads, task tracking, and intern evaluations. Interns can maintain profiles, upload CVs, and record completed tasks. Mentors oversee tasks and provide evaluations. Admins manage user roles and permissions, while evaluators assess performance and give feedback. Management reviews evaluations and reports to ensure an efficient internship process.

- Role-Team Leader
- Technologies: React, MongoDB, Node.Js ,MUI
- Github - Frontend, Backend

PROJECTS CONTD.

Level 3 Individual Software Project(On going)
Tool Time Management System for Gislaved Gummi Lanka (Private) Ltd

Centralized web-based platform for Gislaved Gummi Lanka's mold-making unit with role-based access. Managers add/update mold details, generate reports, and oversee processes. Machine operators track usage and process completion, while admins manage roles, replacing Excel-based tracking with real-time operational insights.

- Technologies: React, MUI, MongoDB, Springboot
- Github - Frontend, Backend

Group Project
E-commerce Platform for a Pizza Shop

A modern e-commerce platform designed for online pizza ordering, built using industry standards. The system includes secure user authentication, real-time order tracking, and seamless online payment integration. Developed with a focus on scalability and performance, utilizing Docker for containerization.

- Role - Frontend Developer
- Technologies: React, .NET, MSSQL, Docker
- Github - Frontend, Backend

Group Project (On going)
Portfolio Website for a Solar Energy Company

Developing a portfolio website for Rividco, a solar energy company in Sri Lanka, using the MERN stack. The platform highlights their solar projects, showcasing expertise in renewable energy solutions while ensuring a responsive and user-friendly design.

- Role - Fullstack Developer
- Technologies: React, .node.js, mongodb
- Github -Frontend, Backend

Level 1 Hardware Project(2022-2023)
Biodegradable Plate Making Machine from Food Waste

Developed an Arduino Mega-based machine to convert food waste into biodegradable plates, featuring blending, compression, and heating units.

- Technologies : C language , Blender, Proteus 8.0, EasyEDA

EXTRA – CURRICULAR ACTIVITIES

Moraspirit initiative
member of video editing and streaming pillar

IEEE Student Branch of University of Moratuwa
volunteered as a financial committee member in the NFB Championship

Member of SEDS Mora of University of Moratuwa

Member of Hiking Club of University of Moratuwa

ACHIEVEMENTS AND PARTICIPATIONS

IDEALIZE (2023)
Semifinalists Mobile APP and Web development competition

Moraspirit initiative
Best pillar member |2023

HackMoral 6.0 (2024)
The sequel of the annual hackathon series

HaxTreme 3.0 (2024)
The sequel of the annual hackathon series organised by University of Ruhuna

REFERENCE

K.M.S.J. Kumarasinghe
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