MANOJ LAKSHAN

Phone: +94 76 436 0358
Email: manojlakshan9991@gmail.com
Website: Manoj_Lakshan
GitHub: https://github.com/Manoj9991
LinkdIn https://www.linkedin.com/in/manoj-lakshan99/

SUMMARY

Associate Software Engineer at Echonlab Private Limited with over one year of full-stack development experience. Completed a six-month internship as a trainee software engineer. Proficient in Angular, React, Flutter, and NestJS, with a strong focus on delivering efficient and scalable solutions for web and mobile applications.

WORK EXPERIENCE

Associate Software Engineer, Echonlabs (pvt) Ltd   **Jan 2024 - current**

- Leading the Leads, Activities, and Recruitment modules in the **Janashakthi General Insurance project**, implementing new features, fixing bugs, and successfully refactoring the codebase, which improved application performance and reduced loading times across these modules.
(Angular, NestJS, MongoDB, Postman)

- Leading the Identities, Connections, and Apps modules in the **Base Neo Project**, implementing new features, fixing bugs, and successfully upgrading Angular from version 14 to 18 with Material Design changes. Effectively refactored the codebase, improving performance and significantly reducing module loading times.
(Angular, NestJS, MongoDB, Postman)

- Leading the Entities, Subscriptions, and Users modules in the **SAAS project** by implementing new features, fixing bugs, and successfully refactoring the codebase. This resulted in improved performance and significantly reduced loading times across these modules. Experienced in using Postman for testing.
(Angular, NestJS, MongoDB, Postman)

Trainee Software Engineer, Echonlabs (pvt) Ltd   **Jul 2023- Jan 2024**
- Designed and developed features using Angular and NodeJS
- Bug fixed
- Successfully wrote unit tests for the project.
- Conducted knowledge update sessions. (All hands meetings)

EDUCATION

Bachelor of Computer Science with Honours   **Jan 2020 - Jan 2024**
University of Ruhuna
- GPA : 3.14
- Second Class

Secondary Education   **Jan 2015 - Aug 2018**
Embilipitiya President Collage
- Advance Level : Combined Mathematics - A
                              Physics - B
                              Chemistry - B

PROJECTS

PROJECT BLOEM (MOBILE APPLICATION)
This e-commerce platform is designed exclusively for agricultural products, streamlining the buying and selling process. Buyers can add items to their baskets, sellers can review sales summaries, and both parties can create accounts and communicate through a chat feature. The platform aims to simplify agricultural trade, providing a convenient and efficient experience for all users.
(Flutter, NodeJS, MongoDB, Express, Firebase)

FEEDBACK FORM (WEB APPLICATION)
The Feedback Form project is a web application that allows users to submit feedback and ratings for a specific product or service. This project is designed to provide a simple and user-friendly interface, enabling users to share their opinions quickly and easily.
(React)

APPLE DISEASE DETECTOR
This paper proposes an image processing method using MATLAB to promptly identify apple fruit diseases, such as apple codling moth, flyspeck, and powdery mildew. By streamlining the identification process, it aims to overcome delays caused by manual assessments by field officers. The approach involves image acquisition, preprocessing, segmentation, and classification, employing techniques such as gray-level slicing and edge detection.
(Matlab)

LOOKING HUNTER (ON GOING PROJECT)
This website is designed to connect photographers with potential clients, offering a seamless platform to showcase portfolios and book services. Currently in the requirement-gathering phase, the project aims to deliver a user-friendly and visually engaging experience tailored to both photographers and their clients.
(Anuglar, NestJS, MongoDB)

TECHNICAL SKILLS

- **Web Frameworks:** Angular,React,NestJS,Spring Boot.
- **Mobile:** Flutter.
- **Languages:** Java,JavaScript,Dart.
- **Databases:** MongoDB, MySQL
- **Testing:** Postman

SOFT SKILLS

- Communication.
- Fast Learner.
- Creativity.
- Leadership
- Team work

REFERENCES

Mr Rukshan Suriyaarachchi
Senior Software Engineer
Echonlabs (PVT) Ltd
Phone: +94 76 630 3940
email: rukshan@echonlabs.com

Mr Vishwajith Weerasinghe
Senior Software Engineer
Echonlabs (PVT) Ltd
Phone: +94 76 264 6098
email: vishwajith@echonlabs.com