

NADEESHA MADUSANKA

Undergraduate University Of Moratuwa

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in NadeeshaMadusanka 🖸 nadeesha-madusanka

M Medium-NadeeshaMadusanka

TECH STACK

Python Java

JavaScipt HTML CSS

MongoDB (MySQL

PostgreSQL

ReactJS React Native

TypeScript) (Webix)

Next.js | Express.js

Tailwind CSS | Django

TensorFlow (Keras

Scikit-learn | Matplotlib

Numpy OpenCV

CORE SKILLS

- Leadership
- Team Work
- Time Management
- Eager to Learn

VOLUNTEER

- EXMO 2023 Marketing Team
- Soyuru Sathkara 2023 District Coordinator
- IEEE CS UOM Designing Committee

REFEREES

Prof. Meedeniya D.A.

Senior Lecturer, Department of Computer Science and Engineering, University Of Moratuwa.

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ABOUT ME

I have a solid foundation in both theory and practice within my field and I'm excited to apply my expertise to contribute to innovative challenges in a dynamic work environment.

EDUCATION

Computer Science & Engineering (2020 - Current) | University Of Moratuwa

GCE A/L (2016 - 2019) | Kegalu Vidyalaya

EXPERIENCE

Software Engineer (2024 Nov - Present) | jahan.ai

Associate Software Engineer (2024 June - 2024 Nov) | IXD Labs

Software Engineer Intern (2023 Dec - 2024 June) | IXD Labs

PROJECTS

Final Year Project (Ongoing)

Focused on enhancing model explainability for predicting valence from fMRI data, with the implementation of Graph Neural Networks (GNN) for improved model performance and interpretation.

Technologies: TensorFlow, Keras, Sckit-learn, Matplotlib, Numpy, LRP, SHAP

Gym MMS

Membership Management System for gyms. It lets admins manage operations while customers can track attendance, purchase, and pay for memberships. The system also features fingerprint-based check-ins for a smooth and secure experience.

Technologies: React, Django, PostgreSQL

Shopify Store and App

Building a Store, offering both new and second-hand clothes. Users can buy new items or sell their used clothes, which are reviewed by admins before being listed for resale. **Technologies: React, Typescript, Liquid, Prisma, Polaris**



Dr. Rajith Vidanaarachchi Research Fellow,

Transport, Health and Urban Design (THUD) Research Lab, University of Melbourne.



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Dr. Charith Chitraranjan

Senior Lecturer, Department of Computer Science and Engineering, University Of Moratuwa.

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Fitsmiles - Mobile App / Fitbit Watch App

Innovative app, Motivating physical activity by rewarding users with coins for walking in designated areas. These coins can be redeemed for purchases within partner malls. Technologies: React Native, Typescript, PostgreSQL, Spring Boot

Train Booking System | 😯

An online platform for purchasing train tickets and checking schedules effortlessly. Technologies: PostgreSQL, Express.js, ReactJS, Node.js, SCSS

CarHub Showcase | 😱

Users can effortlessly search for cars and rent vehicles tailored to their preferences. Technologies: NextJs, TypeScript, ReactJS, TailwindCSS, RapidAPI

Book Store Web App

An intuitive online platform that empowers users to organize their book inventory. Technologies: MongoDb, Express.js, ReactJS, Node.js, TailwindCSS

TinDog WebSite | 😯 | 🌐

A matchmaking platform exclusively for dog owners, helping them find compatible partners for their canine companions.

Technologies: HTML, CSS

Article Summarizer | 😯 | 🏶

An automated content summarization by analyzing web pages based on provided URLs, offering quick and informative summaries.

Technologies: ReactJS, TailwindCSS, RapidAPI

Movie Master | 😯 | 🌐

Empowering users to search for beloved films and access a list of related releases. Technologies: ReactJS, CSS, OMDb API

Supply Chain Management System | 😯

Database tailored for managing the flow of goods across the supply chain. Technologies: MySQL, Express.js

