NAYANI DINESHIKA

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PROFILE

BSc (Hons) graduate in Information Technology, specialized in Software Engineering, with nearly 2 years of hands-on experience in full-stack development. Experienced in modern web technologies, agile development, and clean code principles. Strong ability to learn quickly, adapt to new tools, and deliver high-quality solutions in both team and independent settings.

TECHNICAL SKILLS

- **BACKEND DEVELOPMENT** - C# , NET 6/7 , Web API , LINQ
- **FRONT END DEVELOPMENT -** Angular (v16), React.js, TypeScript , JavaScript , HTML , CSS
- **CLOUD TECHNOLOGIES -** Azure
- **TESTING -** NUnit , Playwright
- **Database -** SQL**,** MongoDB, Firebase
- **ORMs -** Entity Framework Core
- **TOOLS -** Jira, Git, Figma
- **PRACTICES -** Agile methodologies,, Clean Code, Unit Testing

IFS R&D International (Pvt) Ltd l Colombo, Sri Lanka   **Oct 2022 - July 2024**
Team - ALE (Application Lifecycle Experience)
Software Engineer Trainee

- Development of a portal that help users to customize the **ERP** solution during different stages of its lifecycle, with **Angular (v16), C#, .NET 7,** and **Azure.**
- New feature development for existing application.
- Created and managed application environments in **Azure.**
- Implemented unit tests using **NUnit** enhancing software quality.
- Automated test cases by writing scripts using **Playwright.**
- Migrated legacy code to a modular **Clean Architecture** structure.
- Actively contributed in **Agile sprints, stand-ups, and feature planning**.

PROJECT (Ongoing)   **Present**

Lost Item Tracker
Tech Stack: React.js, MUI, ASP.NET Core Web API, Entity Framework Core, MySQL, JWT Authentication

Building a full-stack web application that helps users report and find lost items. This project focuses on clean UI design, secure access, and scalable backend architecture. Demonstrates the ability to work independently and take full ownership of the project across both frontend and backend development.

- Responsive frontend UI using **React.js** and **Material UI.**
- Backend development - **C#, ASP.NET Core Web API.**
- Database schema - **MySQL** and **Entity Framework Core.**
- **JWT-based authentication** for secure user access.
- Following **clean code practices.**
- Using **NUnit**, for unit test, ensuring backend reliability and quality.

EDUCATION

B.Sc (Hons) in Information Technology Specialized in Software Engineering   **Feb 2020 – July 2024**
Sri Lanka Institute of Information Technology (SLIIT) Malabe, Sri Lanka

Holy Family Balika| Kurunegala, Sri Lanka

G.C.E. (A/L) | Biology (C), Physics (C), Chemistry (C) - 2019

G.C.E (O/L) | 8 (A) passes and 1 (C) pass - 2015

OTHER PROJECTS

- **MEDI AID - VIRTUAL MEDICAL ASSISTANT APPLICATION USING MACHINE LEARNING 2023**

MEDI AID is an innovative virtual medical assistant designed to address health challenges and improve healthcare services nationwide. Utilizing advanced information technology and machine learning, MEDI AID empowers patients by providing personalized health plans that identify and prevent early risks, granting access to expert medical advice and recommendations. This application enables users to make informed decisions about their health and book virtual clinic appointments for streamlined service delivery.

Publication specifics :
Published in : 2023 5th International Conference on Advancements in Computing (ICAC)
https://ieeexplore.ieee.org/document/10417411/authors#authors
Date of Conference: 07-08 December 2023
Tech Stack - Python, Flutter , Firebase

- **MANAGEMENT SYSTEM – SERENDIB HORTICULTURE TECHNOLOGIES PVT.LTD. SRILANKA 2021**

Research Project Management Tool serves as a comprehensive platform for managing all aspects of research projects, from planning and execution to collaboration and reporting. It helps researchers stay organized, track progress, and make informed decisions to ensure the successful completion of their projects.

Tech Stack- Angular, asp.net ,C#,and SQL

REFERENCE

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LANGUAGES

- Sinhala
- English