




Danushan Ravindran

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EDUCATION

Sri Lanka Institute of Information Technology

Malabe, Sri Lanka

BSc (Hons) in Information Technology Specializing in Software Engineering

2020 - 2024

- Related Coursework: Data Structures and Algorithm, Cloud Computing, Modern Frameworks , Project Management,programming , Application development , Database Fundamentals , Software Architecture

EXPERIENCE

EPIC Technology Group.

Battaramulla, Sri Lanka

Trainee Software Engineer

March 2022 - March 2023

- Web - Developed a web based application for Boc [Boc merchant web]
- Technologies and Frameworks: React JS, Node JS, Tailwind CSS, Material UI
- Mobile - Developed a Flutter-based app CDB Bank Application, for Ios/Android
- front-end development, creating intuitive user interfaces (UIs) for seamless navigation implemented APIs, and integrated various functionalities to optimize the user experience.
- Technologies and Frameworks: Dart, Flutter, NodeJS, SQL

Freelance Software Engineer.

Colombo, Sri Lanka

April 2023 - January 2024

Pet Care Management System

- This complete system is developed to manage pet-related tasks like pet hospital functions, pet records, pet shop operations, order handling, pet doctor coordination, and clinic appointment scheduling. This system serves three main user
- Project Position: Project Leader and Planner, Developer
- Technologies used : MERN Stack, Node JS, GitHub

Barcode Management System

Vishwa Graphics (Pvt) Ltd - Printing Services

- The project was to develop a system which enables the printing agency to effectively manage its printing barcode sets. The system allows users to upload lists of printed barcodes, register companies, update batches and barcode book pages, barcode order checking and barcodes scanning throughout the system.
- Project Position: Project Leader and Planner, Developer
- Technologies used : PHP, CodeIgniter Framework, MySQL, GitHub

BidGo - Ride-hailing service Application

MicroWe (Pvt) Ltd

- The project was to develop a cross platform App for Ride-hailing service .
- Developed a Flutter-based app for Ride-hailing service, Led UI development and API integration for optimized user experience.
- Project Position: Project Leader and Planner, Developer , Business analysis
- Technologies used : Flutter,Dart, MySQL, GitHub , Firebase

RESEARCH PROJECT

E-Learning and education sector for an easy & healthy learning platform

2023 - 2024

- As a team, we have come up with a solution in e-Learning and education sector for an easy and healthy learning platform.
- I have done the component for Face detection using facial expressions, and easy authentication for login.

- I used Machine Learning/Deep Learning for this research component. I have Trained a CNN model to predict the Face age and gender . And developed a web application using Flask API and ReactJS.
- Project Position: Project Planner, Developer , Business analysis
- Technologies used : Python,HTML, CSS, Git ,Git-Lab,MS Planner,CNN, Flask API , JavaScript

NOTABLE PROJECTS

Ticket Management System

4TH YEAR PROJECT / 2023

.NET, ReactJS, Android[java]

- Developed an Enterprise Application For Train ticket management system comprising .NET Web API backend for booking and data management.
- Designed Android app enabling customers to book tickets and view schedules securely.
- Built a ReactJs web dashboard for managerial monitoring of bookings.
- Led multidisciplinary teams, ensuring agile development, integration of third-party APIs, and robust testing. Provided documentation and training for stakeholders.
- Proficient in .NET Framework, C, ASP.NET Web API, Java/Kotlin for Android, ReactJs, and RESTful API design.

Food Ordering App

4TH YEAR PROJECT / 2023

IOS development [Swift] and React Native

- In MAD [mobile Application Development] module i have done two projects using SwiftUI and StoryBoard.
- Developed a Swift-based app for Food Ordering,
- Led UI development and API integration for optimized user experience.

Student Management System

3TH YEAR PROJECT / 2023

Developed a Student Management System Using KOA JS

- Built a simple CRUD app , where we can post student details and retrieve those details in frontend . For this I have used React JS , Koa JS and Material UI
- Developed a Swift-based app for Food Ordering,

TECHNICAL SKILLS

- Core Skills: Frontend Development, Data Structures And Algorithms, Full-Stack Development, UI/UX Design .
- Frontend Development: React, Flutter, JavaScript, TypeScript, CSS, , MUI, HTML
- Backend Development: Node.js ,.NET, Java,Python
- Unit Testing: SonarQube,Selenium
- Mobile App Development: Android, Flutter,Swift, React Native
- Databases: SQL, MongoDB, Firebase,
- DevOps & Cloud: Azure, Jenkins, GitHub Actions, Docker
- Project Management : Agile ,scrum , kanban
- Visual Design: Photoshop, Figma,Canva,Adobe XD

REFERENCE

- Dr. Sanvitha Kasthuriarachchi
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