MOHAMED IMRAN IFADHA

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GitHub: https://github.com/Ifadha2004

PERSONAL STATEMENT

I am a dedicated and motivated graduate with a BEng (Hons) in Software Engineering. I am passionate about building innovative software solutions, I have hands-on experience in both frontend and backend development. My technical skillset includes React.js, HTML, and CSS for frontend, along with Python, C#, JavaScript, PHP, and Next.js for backend development. I am eager to apply my knowledge to real-world projects, embrace continuous learning, and grow within a forward-thinking and collaborative environment.

WORKING WITH PASSION

MEALMINDER – AI-BASED DIETARY MANAGEMENT SYSTEM

Final Year Research Project | BEng (Hons), 2024–2025

- o Built a web application using Python, Flask, TensorFlow, React.js, HTML, CSS, and MySQL to detect food items and analyse nutritional content with the help of AI and computer vision.
- o Enabled personalized diet tracking and health-based food recommendations for managing conditions such as diabetes and hypertension.

GitHub: https://github.com/Ifadha2004/MealMinder

FinBuddy – AI-Powered Banking Chatbot

AI Project | 2024

- o Developed a chatbot with NLP and machine learning to handle banking-related user queries.
- o Integrated a dynamic knowledge base and self-learning features to improve response accuracy.

GitHub: https://github.com/Ifadha2004/FinBuddy

DreamDay – Wedding Planner Web Application

ASP.NET MVC Project | 2025

- o Built a wedding planning platform using C#, ASP.NET MVC, and SQL Server.
- o Enabled users to manage bookings, budgets, vendors, and guest lists. Implemented admin controls, user authentication, and service search features with a clean Bootstrap-based UI.

GitHub: https://github.com/Ifadha2004/WeddingPlanner_DreamDay

GasByGas – Online Gas Requesting & Delivery System GasByGas – Online Gas Requesting & Delivery System

Advanced Software Engineering Project | 2024

- o Designed a secure, multi-role web and mobile platform for managing LP gas requests, token-based verification, and outlet-level inventory tracking across Sri Lanka.
- o Implemented OTP-based token verification, automated stock updates, and role-based access control using React.js, React Native, Node.js, Express, and MySQL.

GitHub: https://github.com/Ifadha2004/GasByGas

Blog – Flask-Based Blog Management System

Mini Flask Application | 2024

- o Designed a CRUD-enabled blog platform using Python Flask, HTML, and CSS.
- o Allowed users to create, read, update, and delete blog posts through a simple, user-friendly interface.

Github: https://github.com/Ifadha2004/FlaskBlog.git

Travelmate – AI-Powered Travel Chatbot

AI Project | 2025

- o Created a conversational chatbot to guide users in travel planning using NLP techniques and Python.
- o Provided destination suggestions, travel tips, and itinerary recommendations through an intelligent, context-aware interface.

GitHub: https://github.com/Ifadha2004/TravelMate

BookHaven – Bookstore Management System

Windows Forms Desktop Application | 2025

- o Developed a C#-based Windows Forms application to manage bookstore operations, including inventory, sales, orders, and supplier records.
- o Integrated SQL Server with Entity Framework and implemented role-based access, reporting features, sales analytics, and secure login with hashed credentials.

GitHub: https://github.com/Ifadha2004/BookHaven.git

EDUCATION

BEng(Hons) - Software Engineering

London Metropolitan University

2024-2025 (Top-up Degree)

HND in Software Engineering

ESOFT METRO CAMPUS

2022 October - 2024 February

Diploma In Information Technology

ESOFT METRO CAMPUS

2021 – 2022

SKILL HIGHLIGHTS – Languages and Technologies

Back-End Development

• Python | C# | JavaScript | PHP | Java

Front-End Development

• React.js | HTML | CSS

Full-Stack & Frameworks

• Next.js | Flask (Python) | ASP.NET MVC (C#) | Node.js

Database & Data Handling

• SQL | MySQL | Entity Framework | API Integration

Tools & Platforms

• Git & GitHub | Visual Studio | VS Code

Core Competencies

•   Problem   Solving | Debugging | Clean   Code   Practices | Object-Oriented
Programming (OOP)

REFERENCE

Gihan Chanaka Ranasinghe

Product Owner - DiSE / HND Module Leader - DDD / Assistant Programme Manager -
HND COM / Lecturer - IT

ESOFT Metro Campus- Galle

0715172927

P.D Akila Udara Akalanka

Deputy Head of Academic Affairs/ Lecturer IT

Esoft Metro Campus- Galle

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