

Mohamed Imran Ifadha

Full-Stack Development — AI Integration & Database Management — Open to Opportunities

📞 +94 76 208 3634/ +971 56 482 3989 ✉ ifadhaimran04@gmail.com 🔗 [linkedin.com/ifadha-imran-016291369](https://www.linkedin.com/in/ifadha-imran-016291369) 🌐 github.com/Ifadha2004 🌐 ifadha-portfolio.netlify.app

Profile Summary

Motivated and detail-oriented Software Engineering graduate with a First Class BEng (Hons) and currently pursuing an MSc in Data Science and Artificial Intelligence at Middlesex University Dubai. Experienced in full-stack development with hands-on exposure to React, Next.js, ASP.NET MVC, Flask, and RESTful APIs. Strong foundation in Python, C#, JavaScript, SQL, and database-driven application development. Passionate about building scalable, real-world solutions and continuously developing skills across software engineering and AI-driven systems.

Work Experience

VisualSoft (Pvt) Ltd
Full-Stack Developer

Oct 2023 – Dec 2025

- Designed, developed, and maintained ERP-based web applications using modern full-stack technologies.
- Worked across both front-end and back-end layers, contributing to system architecture, feature development, and bug fixes.
- Built responsive user interfaces and integrated RESTful APIs to support core business workflows.
- Collaborated with cross-functional teams to gather requirements, implement solutions, and improve system performance.
- Actively followed clean code principles, version control best practices, and participated in code reviews.

Projects

MealMinder – AI-Based Dietary Management System | *Python, Flask, TensorFlow, React.js, MySQL* 2024 – 2025

- Developed a web-based system that detects food using AI and computer vision, providing nutritional analysis and daily intake tracking.
- Integrated USDA API to fetch calorie and nutrient data.
- Designed a responsive interface with personalized food recommendations for users with conditions such as diabetes and hypertension.
- **GitHub:** MealMinder

FinBuddy – AI-Powered Banking Chatbot | *Python, Flask, PyTorch, NLTK, SQLite*

2024

- Built an NLP-based chatbot to simulate banking assistant functions and handle FAQs.
- Implemented retrainable intent model with dynamic learning.
- Managed banking knowledge base with SQLite for fast access.
- **GitHub:** FinBuddy

DreamDay – Wedding Planner Web Application | *ASP.NET MVC (C#), MySQL*

2025

- Developed a full-stack wedding event management system with role-based access for Admin, Users, and Vendors.
- Implemented budget tracking, vendor bookings, guest list, and schedule management.
- Built admin panel for monitoring activities and vendor approvals.
- **GitHub:** DreamDay

GasByGas – Online Gas Requesting & Delivery System <i>React Native, Next.js, MySQL</i>	2025
<ul style="list-style-type: none"> Designed a multi-role delivery platform connecting customers, outlets, and head office. Implemented OTP-based token verification and real-time stock updates. Built responsive mobile-first system with API integration for secure delivery handling. GitHub: GasByGas 	
FlaskBlog – Blog Management System <i>Python, Flask, HTML, CSS</i>	2024
<ul style="list-style-type: none"> Developed a lightweight blogging platform with CRUD operations. Implemented user authentication, login, and error handling. Designed a simple, user-friendly interface for individual bloggers. GitHub: FlaskBlog 	
TravelMate – AI-Powered Travel Chatbot <i>Python, NLTK, Regex, SQLite</i>	2025
<ul style="list-style-type: none"> Built a conversational chatbot providing travel tips, itineraries, and recommendations. Trained with a custom intent dataset for travel-related queries. Implemented context-aware logic to maintain dialogue flow. GitHub: TravelMate 	
BookHaven – Bookstore Management System <i>C#, WinForms, Entity Framework, SQL Server</i>	2025
<ul style="list-style-type: none"> Developed a bookstore management desktop app with modules for inventory, suppliers, and sales. Implemented role-based login with secure hashed credentials for Admin and Staff. Generated reports in PDF/Excel using EPPlus and LINQ queries. GitHub: BookHaven 	

Technical Skills

Programming & Back-End: Python, R, C#, JavaScript, PHP, Java	
Front-End Development: React.js, HTML, CSS, Tailwind CSS	
Frameworks & Full-Stack: Next.js, Flask (Python), ASP.NET MVC (C#), Node.js	
Data Science & AI: NumPy, Pandas, Scikit-learn, TensorFlow (basic), NLP fundamentals	
Database & API Handling: SQL, MySQL, Entity Framework, RESTful APIs, API Integration	
Tools & Platforms: Git & GitHub, Visual Studio, VS Code, Postman, Jupyter Notebook	
Core Competencies: Problem Solving, Debugging, Clean Code Practices, Object-Oriented Programming (OOP), Data Analysis, Figma (UI/UX Awareness)	

Education

Middlesex University Dubai <i>MSc in Data Science and Artificial Intelligence</i>	2025 – Present
London Metropolitan University <i>BEng (Hons) in Software Engineering – First Class Honours</i>	2024 – 2025
Esoft Metro Campus, Sri Lanka <i>Higher National Diploma (HND) in Software Engineering</i>	Oct 2022 – Feb 2024
Esoft Metro Campus, Sri Lanka <i>Diploma in Information Technology</i>	2021 – 2022

Awards & Achievements

Most Outstanding Performance Award, BEng (Hons) in Software Engineering – *London Metropolitan Univer-2025*
sity

Batch Top, Higher National Diploma (HND) in Software Engineering – *Pearson*

2024

References

Gihan Chanaka Ranasinghe

Assistant Programme Manager - HND COM

ESOFT Metro Campus, Galle

Phone: 0715172927

P.D Akila Udara Akalanka

Deputy Head of Academic Affairs / Lecturer IT

ESOFT Metro Campus, Galle

Phone: 0715172927