

Mohamed Imran Ifadha

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

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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 Oct 2023 – Dec 2025
Full-Stack Developer

- 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 | React Native, Next.js, MySQL

2025

- 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 | Python, Flask, HTML, CSS

2024

- 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 | Python, NLTK, Regex, SQLite

2025

- 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 | C#, WinForms, Entity Framework, SQL Server

2025

- 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

2025 – Present

MSc in Data Science and Artificial Intelligence

London Metropolitan University

2024 – 2025

BEng (Hons) in Software Engineering – First Class Honours

Esoft Metro Campus, Sri Lanka

Oct 2022 – Feb 2024

Higher National Diploma (HND) in Software Engineering

Esoft Metro Campus, Sri Lanka

2021 – 2022

Diploma in Information Technology

Awards & Achievements

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

city

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

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