

Mohamed Imran Ifadha

📞 077 749 4050 ✉ 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 BEng (Hons) in Software Engineering (First Class). Skilled in full-stack development with hands-on experience in React.js, Next.js, ASP.NET MVC, Flask, and React Native, supported by strong knowledge of Python, C#, JavaScript, Java, PHP, and SQL. Experienced in building AI-driven applications, NLP chatbots, and scalable web and mobile solutions through academic and practical projects. Adept at problem solving, API integration, and database management, with a commitment to writing clean, maintainable code. Interested in applying technical expertise to real-world projects, contributing to innovative teams, and continuously growing in dynamic software engineering environments.

Projects

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| MealMinder – AI-Based Dietary Management System <i>Python, Flask, TensorFlow, React.js, MySQL</i> | 2024 – 2025 |
| <ul style="list-style-type: none">• 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 <i>Python, Flask, PyTorch, NLTK, SQLite</i> | 2024 |
| <ul style="list-style-type: none">• 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 <i>ASP.NET MVC (C#), MySQL</i> | 2025 |
| <ul style="list-style-type: none">• 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

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

Education

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>	2022 Oct – 2024 Feb
Esoft Metro Campus, Sri Lanka <i>Diploma in Information Technology</i>	2021 – 2022

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