Mohamed Rashard Rizmi

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Profile Summary

Aspiring Software Engineer with a strong foundation in full-stack development, object-oriented programming (OOP), and database management. Proficient in HTML, CSS, JavaScript, PHP, C++, Java, Python, and C#, with hands-on experience in React, ASP.NET, SOAP client integration, and Java Servlets. Skilled in developing scalable web applications, RESTful APIs, and enterprise-level solutions. Experienced in both frontend and backend development, with a focus on server-side programming, web services, and cloud-based deployments. Familiar with collaborative environments using Git, CI/CD, and DevOps practices. Eager to apply my skills in real-world projects while continuing to grow in cloud computing, performance optimization, and software engineering best practices.

Education

- **B.Sc. (Hons) in Software Engineering** *(Reading)* - Cardiff Metropolitan University   **Feb 2026**
  - **Concentrations:** Artificial Intelligence, Data Analytics & Software Development
  - **Related Coursework:** Advanced Programming, Information System Project Management, Professional and Ethical Issues in IT, Analytics and Business Intelligence, Computational Intelligence, Cyber Security, Software Engineering Dissertation Project
- **HND in Software Engineering and Computing** - Cardiff Metropolitan University   **Feb 2025**
  - **Concentrations**: Software Development and Database Development
  - **Related Coursework:** System Analysis and Design, Database Design and Development, Object Oriented Programming, Data Structures and Algorithms, Mobile Application Development, Web Application Development, Project Management, Service Oriented Computing
- **Diploma in Computing -** ICBT Campus, Colombo   **Dec 2022**
- **G.C.E. Advanced Level -** Private Candidate   **Dec 2024**
- **G.C.E. Ordinary Level -** Zahira College, Colombo   **Jun 2022**

Skills

- **Programming Languages:** C++, Java, Python, C#, PHP, TypeScript
- **Markup Languages:** HTML, CSS, JavaScript
- **Frameworks:** ASP.NET , Java Servlet , React , Flask
- **Databases:** MySQL, MSSQL
- **Tools & Technologies:** VS Code, Visual Studio, Android Studio, NetBeans, IntelliJ IDEA, Python IDLE, MS SQL Server Studio, Git, GitHub

Academic Projects

- **AI/ML Integrated Web Application** *(Ongoing)*
  Developing a web app with a custom AI/ML model using Flask and React to deliver personalized experiences.
- **System for a Bakery (C++) - Amber Bakery System**
  Developed a C++ application to manage inventory, billing, and sales for a bakery.
- **Java Project Using OOP Concepts - Student Management System**
  Developed a scalable University Management System using OOP concepts, featuring modular functionalities for records management and a user-friendly interface.
- **Web Development for a Café - Gallery Cafe**
  Designed and developed a responsive website for a café using HTML, CSS, JavaScript, and PHP.
- **Service-Oriented Programming (C#) - Inventory Management System**
  Created a service-oriented application utilizing C# to demonstrate modularity and web service integration.
- **Final Year Project: Crowd-Sourced Local Marketplace - Tasknet**
  Collaborated in a team to develop a web platform using HTML, CSS, JavaScript, and PHP to connect local buyers and service providers. The system features a user-friendly interface, secure transactions, and location-based service matching.
- **MegaCityCab - Ride Booking Management System - MegaCityCab**
  Built a ride booking system for Colombo's cab service using Java, AJAX, and MSSQL. Implemented secure login, role-based access, customizable bookings, and payment methods for passengers, drivers, and admins.

Languages

- Fluent in English, Tamil, and Sinhala