Rawufdeen Mohamad Riza

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SUMMARY

As a motivated and skilled graduate, I have completed a BEng(Hons) in Software Engineering and am currently awaiting my graduation ceremony. With a solid foundation in software development and a passion for innovation, I consistently strive to expand my knowledge and expertise. My educational journey includes successfully completing an HND in Software Engineering, which highlights my commitment to continuous learning. I am eager to contribute my skills to cutting-edge projects and make meaningful contributions within the dynamic field of software development.

TECH STACKS

Web Development: React JS, Tailwind CSS, PHP, Type Script, JavaScript, MVC

Programming Languages: C#, Java(Beginner), Python

Database Management: MySQL, MS-SQL, NO-SQL(MongoDB)

Testing/Quality: Postman, Thunder Client, Selenium, JMeter

APIs & Tools: RESTful API, Firebase(Beginner), GCP(Beginner)

IDE: VS-Code, Visual Studio, intellij idea, Pycharm, Android Studio

Version Control and others: Git, GitHub, Docker, NodeJS, Figma(Software)

Programming Paradigms: Object-Oriented Programming (OOP)

Operating Systems: Kali Linux, Black Arch Linux, Ubuntu, macOS, Windows

PROJECTS

FoodieHub (Online Food Ordering System)

May 2024 - July 2024
- Technologies: MongoDB, Express.js, React.js, Node.js, Tailwind CSS, Stripe, Auth0, Postman.   Role: Developer and Tester.
- Developed a web application for online food ordering using the MERN stack (MongoDB, Express.js, React.js, Node.js).
- Designed a responsive and intuitive user interface with Tailwind CSS and React.js.
- Implemented MongoDB for database management, utilizing MongoDB Compass for efficient database oversight.

City Taxi (Taxi Booking System)

October 2024 - November 2024
- Technologies: PHP, MySQL, Google Maps API, Twilio API, Stripe API, Postman, JMeter.   Team Size: 3 Members.
- Developed a web-based taxi booking system with real-time tracking using Google Maps API.
- Automated SMS notifications with driver details via Twilio API.
- Integrated Stripe API for secure online payment processing.
- Designed and managed a MySQL database for efficient data handling.
- Enhanced user experience with a responsive and intuitive interface.

ABC Car Traders (Car Trading System)

May 2024 -August 2024
- Technologies: C# .NET, Microsoft SQL Server.   Role: Developer and Tester.
- Developed a comprehensive car trading system using C# .NET and Microsoft SQL Server to manage car and parts sales, customer orders, and reporting.
- Implemented dual login systems for administrators and customers with secure authentication and role-specific functionalities.
- Designed and integrated key administrative features, including inventory management (cars and parts), order status updates, and report generation.
- Enabled customer functionalities such as product browsing, order placement, status tracking, and profile management.

Sales Analysis System (CLI)

December 2023 - January 2024
- Technologies: Python, Google Colab, Selenium, Pytest.   Role: Developer and Tester.
- Created a command-line interface (CLI) Sales Analysis System using Python.
- Utilized Google Colab for development and execution, ensuring a collaborative environment.
- Performed comprehensive testing with Selenium and Pytest to validate functionality and reliability.
- Analyzed sales data effectively, providing insights and trends through automated processes.

Payroll-system (CRUD)

January 2023 - January 2023

• Technologies: C#, SQL Server Management Studio (SSMS). Role: Developer and Tester.

• Developed a comprehensive Payroll System using C# and SQL Server Management Studio (SSMS).

• Implemented key features such as payroll processing, tax calculations, and employee management.

• Streamlined payroll operations by automating processes to ensure accuracy and efficiency.

• Utilized C# for backend development and SSMS for database management.

EDUCATION

BEng.(Hons) in Software Engineering

Esoft Metro Campus (London Metropolitan University) • Kurunegala, Sri Lanka • 2025

HND in Software Engineering

Esoft Metro Campus (Pearson) • Kurunegala, Sri Lanka • 2024

Diploma in Information Technology

Esoft Metro Campus (Pearson) • Kurunegala, Sri Lanka • 2022

CERTIFICATIONS

Docker

Great Learning • 2024

• Gained practical knowledge in containerization using Docker for application deployment.

• Developed skills in managing and deploying applications in isolated environments, enhancing scalability and portability.

• Learned to streamline development workflows with Docker, improving collaboration and consistency across platforms.

OOP in Java

Great Learning • 2024

• Gained hands-on experience with core OOP principles (inheritance, polymorphism, encapsulation, abstraction).

• Strengthened Java programming skills for building scalable and maintainable software.

• Developed a solid foundation for applying OOP concepts to real-world projects.