HABSHI AHAMED

PROFILE

Dynamic and detail-oriented Software Engineer with hands-on experience in web development, application programming, and data analysis. Proficient in Python, Java, JavaScript, C#, SQL, and React.js, with a strong foundation in UI/UX design and database management. Skilled at developing scalable, maintainable, and data-driven solutions, integrating user-centered design principles for intuitive interfaces. Experienced in building desktop and web applications, interactive dashboards, and automated data analysis systems. Currently pursuing a BEng (Hons) in Software Engineering (Top-Up), seeking opportunities to leverage technical expertise and analytical skills to deliver innovative software solutions.

AREAS OF EXPERTISE

- Software Development (Python, Java, C#)
- Web Development (HTML, CSS, React.js)
- UI/UX Design & Prototyping
- Data Analysis & Visualization (Python, SPSS)
- Database Management (SQL, SQL Server)
- Application Architecture & Design Patterns
- Algorithm Design & Problem Solving
- Desktop & Web Applications
- Creative Design Tools (Illustrator, CorelDRAW)
- Requirement Analysis & Documentation

WORK EXPERIENCE

WEB DEVELOPER | JAN 2025 – PRESENT
Milton International Campus, Sri Lanka

DUTIES & RESPONSIBILITIES

- Designed, developed, and maintained the institution's official websites, applying responsive design, accessibility standards, and modern user experience principles.
- Performed regular updates, security checks, and performance tuning to ensure stability, data protection, and high-speed access for users.
- Worked closely with academic and administrative teams to gather requirements and implement tailored features that enhanced usability and engagement.
- Resolved technical issues related to website compatibility, hosting, and integrations, ensuring seamless functionality across devices and browsers.
- Created and managed structured documentation for web operations, enabling easier troubleshooting and future scalability.
- Integrated multimedia content, online forms, and interactive features to support academic and marketing activities.
- Conducted testing and debugging to identify and fix errors, improving system reliability and user satisfaction.
- Trained staff on basic content management system (CMS) usage to allow independent updates and reduce IT dependency.
- Ensured compliance with institutional branding guideline digital policies in all content.

ACCOMPLISHMENTS

- Successfully delivered a fully functional, visually appealing, and mobile-responsive institutional website within agreed timelines.
- Enhanced website loading speed and navigation structure, resulting in a smoother and more user-friendly browsing experience.
- Introduced new interactive features such as online application forms and multimedia integration, improving accessibility for students and staff.

PERSONAL INFOMATION

PASSPORT	: P0383002
DOB	: 01/11/2003
GENDER	: MALE
NATIONALITY	: SRI LANKAN

SOFT SKILLS

MULTITASKING

ANALYTICAL

TEAMWORK

INTEGRITY

COORDINATION

ORGANIZATION

LANGUAGES

ENGLISH

SINHALA

CONTACT INFOMATION

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SYSTEM ADMINISTRATOR ASSISTANT | JAN 2025 - JUNE 2025
Milton International Campus, Sri Lanka

PART-TIME LECTURER | JAN 2025 - JUNE 2025
Milton International Campus, Sri Lanka

EDUCATION

BENG (HONS) IN SOFTWARE ENGINEERING (TOP-UP) – CURRENTLY READING | MAR 2025 – PRESENT
London Metropolitan University (UK) | ESOFT Metro Campus, Kandy, Sri Lanka

PEARSON BTEC LEVEL 5 HND IN COMPUTING (SOFTWARE ENGINEERING) | JUN 2023 – JAN 2025
ESOFT Metro Campus, Kandy, Sri Lanka

DIPLOMA IN INFORMATION TECHNOLOGY (SEG QUALIFICATION) | JUN 2023 – AUG 2024
ESOFT Metro Campus, Kandy, Sri Lanka

DIPLOMA IN COMPUTERIZED ACCOUNTING AND BOOKKEEPING | JUN 2022 – MAR 2023
London School of Business and Social Sciences (Gatwick College), Sri Lanka

PROJECT EXPERIENCE

- **SafeTrip Lanka – Smart Tourist Safety & Budget Protection System (Planning Stage)**
  (Proposed AI-enabled tourism platform integrating GPS tracking, dynamic pricing, and emergency assistance.)
- **Bus Reservation System (Java)**
  (Developed console-based application for bus management, seat reservations, and shortest path calculation using Dijkstra's algorithm.)
- **Sampath Food City – Data Analysis System (Python, Pandas, Matplotlib)**
  (Built modular system for sales and product analytics, applying OOP principles and design patterns & Developed branch sales analysis, weekly reporting, and product category comparisons.)
- **CCWC – Command-Line Word Counter (Python)**
  (Created CLI tool for text analysis including word frequency, file integrity checks, and undo operations.)
- **Griffindo Toys – POS System (C# .NET, SQL Server)**
  (Developed a Windows Forms-based POS system to manage sales, inventory, and customer reporting. & Integrated secure database connectivity with real-time transaction management.)
- **Learning Management System (C# .NET, SQL Server)**
  (Managed student enrollments, attendance tracking, and performance reporting via a WinForms interface.)
- **School Magazines & Book Design Projects**
  (Designed school magazines and book covers using Adobe Photoshop, CorelDRAW, and Microsoft Word.)

TECHNICAL SKILLS

- Programming & Development: Python, Java, JavaScript, HTML, CSS, React.js, C#
- Frameworks & Libraries: React.js, ASP.Net, Bootstrap
- Data Analysis & Visualization: Python (Pandas, Matplotlib), Power BI, SPSS
- Database Management: SQL Server, SQL queries, relational database design
- Design & UI/UX Tools: Adobe Photoshop, Illustrator, CorelDRAW, Canva
- Software Practices: OOP, SOLID principles, Design Patterns, CLI tools

REFERENCES

R.M MALIKA MIHIRANI RATHNAYAKE
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