

K.M Janith Rangana Abeywardhana

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GitHub - <https://github.com/JanithAbeywardhana> (JanithAbeywardhana).



Professional Summary

Motivated Software Engineering undergraduate at Cardiff Metropolitan University with a strong foundation in programming and web development. Completed a Higher Diploma in Software Engineering, enhancing my understanding of industry standards and practices. Seeking an internship to apply my skills in a practical setting and gain hands-on experience.

Education

Cardiff Metropolitan University

[Present]

- BSc in Computing and Software Engineering
- Undergraduate

Cardiff Metropolitan University

[November, 2022] – [July, 2024]

- Higher Diploma in Computing and Software Engineering
- University Number- st 20274676.
- Relevant coursework: (Business Information System, Computer architecture, Fundamentals in Programming, System Analysis and Design, Computer Networks, Database Design and Development, Object Oriented Programming, Professional Practice, Data Structures and Algorithms, Mobile Application Development, Project Management, Web Application Development, Business Analytics, Computing project, Service Oriented Computing.)

Mo/ Medagama National School

[November, 2020]

- GCE A/L
- Subjects: Information Communication Technology (C), Engineering Technology(S), Science for Technology (S)
- Average Z- score – (. 2093)

Skills

- **Programming Languages:** Java, Java script, Angular, C#, HTML, CSS, PHP.
- **Frameworks:** Angular, React Js.
- **Tools:** Visual Studio Code, Visual Studio, NetBeans IDE, Android Studio, R studio.
- **Soft Skills:** Team Work, Problem Solving, Leadership Skills, Presenting.

Projects

SOC-Based Solution for Debra Event Management

- Developed a system to streamline ticket sales and event management, integrating with partners and social media platforms. Key features include partner registration, event management, and commission tracking.
- It integrates ticket sales with partners and social platforms. The frontend web client uses HTML, CSS, JS, Bootstrap, and the desktop app is built with C#. Backend APIs are powered by ASP.NET.

- Full Project Link - <https://github.com/JanithAbeywardhana/Full-Debra-Project>

Education Sector Data Analysis

Cardiff Metropolitan University

- Analyzed U.S. state data to support decision-making in education policy.
- Conducted statistical analyses on state spending, teacher salaries, and SAT scores.
- Performed hypothesis testing to explore relationships between SAT participation and various factors.
- Utilized tools like R and Python for data analysis and visualization.
- Provided insights for improving education spending efficiency.
- Tool – R Studio
- Full Project Link – https://drive.google.com/drive/folders/11qvR9GO45Jpm4JNBUnnuhF2yfSxqh3SY?usp=drive_link

Blessing Hands Elder Care & Nursing Academy (Colombo) - Web Application

- Role: Lead Developer / Group Member
- Technologies Used: Java Script, PHP, MySQL, CSS, Html, Bootstrap
- Project Overview: Developed a web application for "Blessing Hands Elder Care & Nursing Academy" with features like caregiver registration, course management, and online booking.
- Key Contributions:
 - Led front-end and back-end development for a responsive, user-friendly design.
 - Implemented functionalities such as user authentication and course registration.
 - ensured the platform met client requirements through rigorous testing.
- Outcome: Delivered a user-friendly platform, enhancing online presence and streamlining the caregiver hiring process. Pending release.

Implementation of Student Management Information System (SMIS) at AICBT

- Role: System Analyst
- Institution: AICBT (International College of Business & Technology) Duration: [2 Months]
- Responsibilities:
 - Conducted feasibility analysis and gathered requirements.
 - Assisted in system design, development, and testing. - Managed risk and ensured data security.
- Achievements:
 - Streamlined student enrollment and record maintenance.
 - Enhanced administrative efficiency and reporting.
 - Positive feedback from users on system improvements.
- Podcast Link- https://drive.google.com/file/d/1ZeHZd8ROWNgOgtz_VuTZ0JQXI7Io1NnA/view?usp=drive_link

Cupcake Factory Mobile Application Development

- Project Overview: Developed a mobile application for The Cupcake Factory, focusing on user friendly design and efficient functionality.
- Responsibilities:
 - Conducted in-depth analysis of mobile operating systems and development tools.
 - Created UML diagrams including Use Case, Class, and Activity diagrams.
 - Designed user interfaces and wireframes using Balsamiq.
 - Implemented features such as user registration, login, category management, and order processing.

- Technologies Used:
 - Android Studio, Java.
 - Balsamiq for wireframing
 - Various UML design tools
- Achievements:
 - Successfully developed and tested the mobile application within the given timeline.
 - Enhanced user experience with a streamlined interface and robust functionality. Positive feedback from users on the app's design and usability.

Extracurricular Activities

ICBT Kandy Programming Club

Member

[February, 2023] – [July, 2024]

- Description: Actively participated in programming competitions and workshops organized by ICBT Kandy.
- Achievements: Contributed to a team project that received recognition in a regional coding challenge.

Mozilla Campus Club - ICBT Kandy

Volunteer/Member

[February, 2023] – [July, 2024]

- Description: Assisted in organizing events and workshops focused on open-source technologies and web development.
- Skills Developed: Gained experience in event management and community engagement, and enhanced knowledge of Mozilla's technologies.

References

[Gihan Herath]

Senior Lecturer and Module Leader

[ICBT Kandy Campus, Faculty Information Technology]

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Module Leader for Business Analytics and Analytics and Business Intelligence

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I hereby declare that the information provided above is true to the best of my knowledge and belief.



08/13/2024