Ahmed Yusuf

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SUMMARY

Enthusiastic BSc Computer Science student with a track record of strong academic performance and diverse technical skills. Experienced IT Assistant with a background in supporting ecommerce operations, including optimising product listings and providing technical assistance. Demonstrated project expertise includes developing a Cloud Carbon Footprint Dashboard using React and implementing an OOP and MVC approach for a parcel tracking website. Skilled in SQL, PHP, and Bootstrap for creating cohesive, responsive, and visually appealing online systems. Additionally, demonstrated passion for data analysis through the development of a Tableau dashboard project, providing actionable insights into a complex dataset. Ready to leverage programming skills and collaborative development experience in an agile environment.

EDUCATION

University of Salford   **Manchester, UK**

Candidate for Bachelor of Science (Hons) in Computer Science.   Expected July 2025
First Year mark: 74/100.

St Christopher's Sixth Form   **Accrington, UK**

A-Levels: Mathematics(A), Computer Science(A) and Further Mathematics(B)   Sept 2020- June 2022
O-Levels
6A*s & 2As

WORK EXPERIENCE

HEAVEN TRADING MCR LIMITED   **Manchester, UK**

IT Assistant   May 2023 – Sept 2023

- Established and improved customer listings on Amazon for enhanced product visibility.
- Resolved office computer issues, ensuring smooth daily operations.
- Streamlined the onboarding process for new employees by configuring and setting up their workstations, ensuring a smooth integration into the company's IT environment.

PROJECT EXPERIECNE

Cloud Carbon Footprint Dashboard

- Utilized React to architect and assemble a comprehensive cloud carbon footprint dashboard in an Agile (SCRUM) environment, incorporating dynamic graphs with libraries like Chart.js for insightful visualizations of carbon emissions data.
- Established a secure login system through Firebase, ensuring robust user authentication and data privacy.
- Incorporated user-friendly elements such as a date picker for graph filters and CSV link for easy data export, enhancing the functionality and accessibility of the dashboard.

Parcel Buddy Website

- Implemented OOP and MVC principles for streamlined code organization and scalability.
- Integrated PHP, MySQL, and Bootstrap for a cohesive, responsive, and visually appealing online system.
- Engineered advanced features like a secure login, dynamic search, and CRUD functionality, optimizing usability for managing parcel records and user tasks.

Crypto Price Tracker Mobile Application

- Crafted a mobile application using React Native, ensuring smooth cross-platform functionality for users.

- Executed dynamic API calls to retrieve real-time cryptocurrency prices, delivering timely and accurate information to users.
- Developed an interactive graph feature for each cryptocurrency, enhancing user engagement and providing a visual representation of price trends. Additionally, established a secure login system using Firebase for authentication and data security.

Covid-19 Pandemic Dashboard
- Executed SQL queries to retrieve and transform data from a large dataset, ensuring efficiency and accuracy in data processing for analysis.
- Utilised Tableau to create dynamic visual representations, enabling interactive exploration of COVID-19 metrics and trends.
- Engineered dashboard components including regional breakdowns and trend analysis, providing comprehensive insights into pandemic dynamics.

LEADERSHIP & ACTIVITIES

Product Owner, HackCamp, University of Salford
- Demonstrated adaptability and problem-solving skills by successfully navigating challenges when crucial account details were unavailable from the client. Proactively adjusted the project strategy to ensure continued progress and successful project delivery despite unforeseen obstacles.

Project Manager, Professional Development Practices Project, University of Salford
- Orchestrated the successful execution of the Professional Development Practices project, overseeing project planning, resource allocation, and ensuring timely completion of milestones.

Further Mathematics Ambassador, St Christopher's Sixth Form
- Initiated and led initiatives to promote further mathematics education within the sixth form, fostering an environment of academic excellence and engagement.

SKILLS & INTERESTS

Programming Languages: PHP, Java, JavaScript, SQL, Basic HTML/CSS
Libraries & Frameworks: React, React Native
Tools & Platforms: Git, GitHub, Firebase, Tableau
Interests: Military aviation, Photography