Amr Hussein
31 Leinster Road
Middlesbrough, TS1 4RB
Phone: 07464786521
Email: Amrhuss01@gmail.com

Education:
Second Year
Bachelor of Science in Computer Science
University of Sunderland, Sunderland, United Kingdom

A-levels:
Mathematics, Computer Science, Chemistry
Macmillan Academy, Middlesbrough

Relevant Coursework:

- Advanced Programming: Explored Object-Oriented Programming (OOP) principles using C#. Developed intricate class systems showcasing inheritance and polymorphism. Designed applications demonstrating interface implementation and object handling. Created and optimized algorithms to solve complex problems.
- Agile Development and DevOps: Created and optimized websites using a virtual machine (Linux, ubuntu) and usint github to commit. Also, used bash scripts.
- Database Systems: Developed a prototype database system for Celia's Coffee Emporium. Designed E-R diagrams and data dictionaries using Oracle RDBMS. Implemented SQL scripts and PL/SQL procedures for customer registration, item purchases, and management report generation.

Key Skills Gained:

- Database modelling, SQL scripting, PL/SQL implementation.
- System design, normalization techniques, and database security.
- Proficiency in programming languages and software tools.
- Effective communication, teamwork, and problem-solving.

Work Experience:
Founder/Owner- SnkrSide
January 2023 – July 2023

- Established and managed an e-commerce business specializing in footwear, generating over £7,000 in revenue within the first six months.
- Cultivated a loyal customer base with a 10% rate of returning customers through exceptional service and product offerings.
- Oversaw all business operations, including inventory management, financial administration, customer service, and successful marketing campaigns.
- Managed financial aspects, budgeting, and financial planning to ensure optimal business performance.
- Implemented innovative customer-centric approaches to address market challenges, leading to improved customer satisfaction and increased sales growth.

Key Achievements:

- Achieved over £7,000 in revenue within the business's first six months.
- Cultivated a loyal customer base with a 10% rate of returning customers.
- Implemented effective marketing strategies resulting in increased brand recognition and sales growth.

Projects:

- Developed a database system for Celia's Coffee Emporium (CCE UK Ltd.) to transition from paper-based to computerized customer and stock management.

- Designed an E-R diagram, created a data dictionary, and normalized tables to 3NF using Oracle SQL.
- Constructed SQL scripts and PL/SQL code to create tables, populate data, and implement customer registration, purchase transactions, and management reporting in Oracle SQL Developer.
- Implemented user-friendly features like error messages, automatic record number generation, and scalable data types.
- Established security privileges for various user types using Oracle SQL, managing access and data manipulation based on user roles.
  Received an outstanding grade of 85% for this project.