**Sharon Joseph Cheeran**

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**Qualifications Profile**

Creative, self-motivated and solution-driven IT professional, with academic and project experience of deciphering customer requirements and delivering solutions in an environment of cutting-edge technology, seeks a **Software Developer** role.

* **Software Solutions:** Passionate information technologist with focus on concepts, functionality, and user experience while translating requirements, and developing applications and solutions. Knowledge of good programming practices and techniques, specifically with concepts around web programming, database access and computing protocols.
* **Business Support:** Highly organized with ability to maintain **exceptional productivity and accuracy within high fluid and demanding environments. Strong business and customer service acumen developed by prior experience, with track record of maintaining operational excellence and positive customer experience.**
* **Research & Analysis:** Innate researching skills, with strong understanding of numerical algorithms, design patterns and data structures, and ability to convert analysed data into meaningful interpretations and results. Strong analytical and decision-making skills.
* **Key Strengths:** Excellent written and verbal communication skills. Ability to multi-task and work under pressure. Able to work independently with minimal supervision, and also display collaboration within fast-paced, cross-functional teams. Demonstrated problem solving skills and high attention to detail.

Core Technologies:

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| Environments: | Windows, UNIX |
| Languages: | Java, Python, C/C++, C#, JavaScript, HTML, CSS, Visual Basic, Familiar with ASP.NET |
| Tools: | MongoDB, SQL, Oracle, MS Office Suite, PHP, XML, VMWare, Laravel |

**Educational Background**

**Bachelor of Science (Hons) in Computing**, 2015 – 2020, **Grade 2:1**

The University of the West of England (UWE), Bristol

**L3 Software Development** – D\*DD (equivalent to A\*AA) (152 UCAS Points), 2015 – 2017

New College, Swindon

**Experience Highlights**

**Student Software Developer / IT Support,** 5/2017 – 6/2019 Multiple Projects, **University of the West of England**, Bristol

Acquired technical understanding and foundation of software development life cycle by gathering and interpreting client requirements and developing software applications on multiple platforms.

* **Web Programming** at UWE Computing (9/2017 – 6/2018): In a team of three, led the development of a user-friendly website for booking travel tickets, with multiple features such as ability to download and display tickets, show available journey times and other details. Managed multiple priorities while guiding other team members as well.
* **Databases** at UWE Computing (9/2017 – 6/2018): Understood the principles of creating, manipulating, and normalizing a database. Learnt the use of stored procedures and manipulating the database via Python.
* **Software Development** at UWE Computing (9/2018 – 6/2019): Built software using the RUP model in a team of five people. Utilized tools such as Astah UML, MS Project and Excel.
* **Data, schemas & applications** at UWE Computing (9/2018 – 6/2019): In a team of 5, created and led the development of a user-friendly website for Twin Cities by using API’s from multiple websites and utilizing it in mine, the API’s included Google Maps, openweathermap and unsplash. Also, used hashtag which was linked to twitter. Constructed the database and API’s for the database.
* **Operating Systems** at UWE Computing (9/2018 – 6/2019): In a team of 3, used a basic OS (PintoOS) and improved it in order to have multiple system calls and file operations. Was done whilst using VMWare and on Linux platform. Latter stages involved documenting the code.
* **Internet of Things** at UWE Computing (9/2018 – 6/2019): Used BBC Micro-bit to create a game, communicate between another Micro-bit via cables and also by Bluetooth. Used C++ to embed the code and run it on the Micro-bit
* **Cryptography** at UWE Computing (9/2019 – 01/2020): Studied the different encryption algorithms used for encrypting and decrypting data such as Hamming Code, BCH, Public & Private Key, Stream cipher, RSA etc. Understood the method of each of the algorithm and wrote it in code to compile and run.
* **IT Department team member** at Pebley beach Hyundai & Suzuki (5/2017 – 6/2017: In a team of four, supported multiple administrative functions which included entering and updating the online database, performing customer follow ups and other functions through efficient use of software applications.

***Additional & Current Experience***: **Customer Services Assistant** at The Food Warehouse Iceland, Swindon (11/2019 -Present); at Morrisons, Swindon (8/2019 – 11/2019); and at Primark, Swindon (10/2015 – 8/2019).

**COMMUNITy involvement**

**Tutor** at Action Tutoring, Bristol (9/2017 – 3/2018); **Library Volunteer** (5/2015 – 8/2015) at Central Library, Swindon