**Karl Burke**

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**SKILLS & ABILITIES:**

* **Excellent IT Skills** 
  + **Confident using Java, C++, C#, SQL**
  + **Competent user of SQL Developer, Dr Java, Intellij, Visual Studio, Notepad++**
  + **Can design and create databases**
  + **Competent user of Windows & Linux Operating systems**
  + **Design build and troubleshoot networks using routers & hubs**
  + **Configure a router using the Cisco IOS command set**
* **Well capable of dealing with a constant array of customers**
* **Proficient in motivating and directing personnel**
* **Highly reliable**
* **Work very well under pressure**
* **Thrive in busy working environments**

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**KEY PROJECTS:**

* **A part of a small team I developed a real-time supply chain solutions system using JAVA and JDBC. This system offered a robust control system for the maintenance of warehouse stock.**
* **Developed a library web-app system using C#, LINQ, JavaScript and Bootstrap for tracking and monitoring the use of Library facilities. I had to develop a barcoding system, and produce stock reports and labels in PDF format**
* **Developed client booking/tracking propriety software for EDS Training Solutions in Naas, Co. Kildare. This software is used to maintain training records of the clients of Naas School of Motoring.**
* **Currently developing a weather app utilizing an IOT device as the environmental interface. ASP.net MVC is used to develop the GUI**

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**EDUCATION:**

**2013 - 2017*:*** *IT Tallaght,* Old Blessington Road, Tallaght, Dublin 24

**Programme:** BSc. (Honours) in Computing

**Modules:** Web and User Experience(C+), Computer Architecture(C), Business and Information

Systems(C), Software Development(A), Communications(B), Operating Systems(C+), Statistics(B+), Discrete Maths (B+), Databases(B), Object Orientated Systems Analysis(B-), Web Design and Development(C+), Software Development (B), Database Design & Programming(B), Software Quality Assurance & Testing(A), Networking(A), Discrete Maths 2(A), Management Science(A), Information Security(C+), Object Orientated Analysis and Design (B-)

**2011- 2016:***St. Conleth’s Community College,* Newbridge, Co. Kildare

**Programme:** Business & IT (FETAC Level 5) & Computer Science (FETAC Level 6)**(Distinction)**

**Modules:** Networks Windows Programming, Computer Programming, Object Orientated Programming, Operating Systems, Data Communications, Communications, Hardware Essentials, Book keeping, Spreadsheet Management, Text Production, Word Processing, Business Calculations, Communications, Database Management, Business Marketing

**WORK EXPERIENCE:**

***Jan 2016- July 2016:*** *St. Conleths Community College*, Station Road, Newbridge, Co. Kildare

***Position Held:*** IT Intern

***Duties:*** Developing Book Rental System, Resolve IT Issues relating to Staff & Students, Maintain School Hardware, Email Administration, Distribute Staff Assigned Emails to new staff, Reset and Update Staff Details and Passwords when needed, Assisted During Lab Demonstrations, Developed Moodle, Staff Introduction Training on Moodle

***Nov 2012-Jan 2013&***

***Sept 2005- Mar 2008***

***&Sept 2004- Jan 2005:*** *Argos Extra*, Liffey Valley Retail Park, Clondalkin, Dublin 22.

&The Monread Centre, Naas, Co. Kildare

***Position Held:*** Stock Room Assistant

***Duties:*** Relating to and serving customers, analysing stock maintenance, ensuring minimum standards of hygiene are exceeded, checking daily deliveries, supervising deliveries when required, processing weekly stock checks, processing stock returns to headquarters and manufacturers, use of the AURA stock control system, complying with the in store stock rotation SOPs, ensuring minimum security proceedings are exceeded, relocating to new store sites when required for training purposes, shift working.

***Mar 2008- Nov 2010:*** *Dublin Airport Authority*, Dublin Airport, Co. Dublin

***Position Held:*** Trolley Agent

***Duties:*** Relating to and serving passengers, collecting and returning trolleys to designated trolley bays, working in departures, arrivals, baggage hall, apron, car parks, cleaning trolleys, car park vehicular patrols, use of radio communications systems, adhering to the airport security screening procedures, working as part of a large team, working on my own initiative, assisting in emergencies, shift working including nights and early mornings

***Feb 2005- Aug 2005:*** *Eamon Lawlor Tiling*, Sescon Lane, Portarlington, Co. Laois

***Position Held:*** Apprentice Tiler/ Labourer

***Duties:*** Relating to customers, tiling, safe use and operation of workshop cutting equipment, precise measuring of work areas, manual handling, analyzing stock requirements, maintaining a tidy and safe work environment for both domestic and commercial clients, forwarding orders to builders providers, collecting orders from builders providers, cash handling, counting and lodging income to the company account on a regular basis, vast array of multi-tasking and time management, working at short notice and irregular hours

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**HOBBIES and INTERESTS:**

* Volunteer as a mentor with Tallaght Coder Dojo in IT, Tallaght.
* Member of the IT, Tallaght Computing Society
* Enjoy motorsport and have competed in track events

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**REFERENCES:** References available on request

**Date:** 21/10/2016