**Don Valino**

Phone: +353 (8)3 8507382 Email: [jk\_valino@yahoo.com](mailto:jk_valino@yahoo.com)

**SUMMARY**

From 1st to 3rd year in college, I developed numerous programs using Java and SQL. During my 2nd year college project, we had to develop an application of our choice. The project was divided into groups of 4 and I was the project leader. Upon completion of the project, I was able to improve my problem solving and communication skills vital in collaborating within a team. Being able to communicate properly with my teammates ensured that everyone in the team was doing their task efficiently. In 3rd I worked as an intern for a company called Ericsson. During my time in Ericsson, I worked as a software developer for the company’s internal tool called ‘BOAT’. I developed, tested and deployed new features and also ensured the durability of the tool as the employees in the Customer Support department commonly used it.

**IT SKILLS**

* Can write SQL queries to design and create database schemas with Oracle 11G.
* Administer PLSQL commands to create Procedures and Functions.
* Knowledge in HTML / CSS / JavaScript / Angular.js to intermediate level.
* Confident user of Java, Java Spring Framework, Primefaces.
* Design and create classes using C++ and knowledge in memory allocation using pointers to ensure efficient execution of a program.
* Administer test in software using various techniques such as White-Box and Black-Box testing.
* Able to use Github or using related for version control of a program.
* Confident user of Windows and Linux OS in system administration.
* Design, configure and troubleshoot a network with routers and hubs using the Cisco IOS command set.7
* Ability to set up an EC2 instance in Amazon AWS and use SSH and FTP to deploy a web application.
* Knowledge in Asp.net MVC web application development up to intermediate level and ability to deploy projects to Microsoft Azure.
* Build and deploy Maven projects into the Tomcat server using Eclipse IDE.
* Develop Macros with Excel to eliminate multiple manual intervention of a task.
* Currently learning PHP, PHPMYADMIN, Twitter Bootstrap, WAMP, Windows Azure and Tableau for my 4th year project.

**EDUCATION & QUALIFICATIONS 2013 – to-date *BSc Computing***

**Institute of Technology Tallaght, Dublin 24**

**4th Year Modules studied,** Enterprise Applications Development 1**(due Jan 2017);** Information Management **(due Jan 2017);** Interactive Media Design **(due Jan 2017);** Social Media Analysis **(due Jan 2017);** Enterprise Application Architecture **(due Jan 2017);** 4th Year Project **(due May 2017);**

**3nd Year Modules studied**, Cloud Services **(B);** Web Design and Development 2 **(B)**; Algorithm and Data Structure **(B+)**; Operating Systems **(B+);** Advance Database **(A);** Innovation and Enterprise **(B-)**; Project **(B)**; Experiential Learning **(PS);**

**2nd Year Modules studied**, Software Development 3 **(B+);** Software Quality Assurance and Testing **(A);** Networking 1 **(A);** Database Design and Programming **(A);** Discrete Mathematics 2 **(A);** Web Design and Development **(B+);** Software Development 4 **(B+);** Project **(A);** Networking 2 **(A);** Management Science **(A);** Object Oriented Analysis and Design **(B+);** Information Security **(B+);**

**1st Year Modules studied**, Wed and User Experience **(B+)**; Computer Architecture **(B)**; Business & Information Systems **(B+)**; Systems Analysis **(B+)**; Discrete Mathematics 1 **(B)**; Software Development 1 **(C)**; Communications **(B+)**; Introduction to Operating Systems **(A)**; Discrete Mathematics **(B-)**; Database Fundamentals **(A)**; Software Development 2 **(A)**; Systems Analysis 2 **(B+)**; Statistics **(A);** Operating System Fundamental **(B+);**

**PROFESSIONAL EXPERIENCE**

**LM Ericsson Ltd. February 2016 – August 2016**

**Intern**

* Developed new features for the company’s internal tool called ‘**Back Office Analysis Tool**’ (BOAT) which is **used by over 30 Operational Support System Engineers** of Ericsson worldwide.
* Used Primefaces, Java Spring Framework and MYSQL to developed and deploy new features of BOAT, requested by the employees of the Customer Support department.
* Attended stand-up meetings with the group to discuss our present achievements and our future goals with BOAT.
* Ensured that the goals were met and that software quality and assurance was verified within the deadline.
* Used software testing techniques on BOAT such using a Test Case Matrix and deploying BOAT into a test server, before deploying it into the live Tomcat Server.
* Documented the new features implemented in BOAT to the Confluence page of Ericsson.
* Developed Macros using Excel and Visual Basic that reduced the turnaround time required for an employee to analyse ‘Trouble Report’ records and produce statistics.

**SIGNIFICANT PROJECTS UNDERTAKEN**

**Second Year Movie and Game Rental System**

**Description**

This is a project that catered as a system to allow customers of entertainment shops such as HMV to rent out movies and games. The customer can browse items using different kinds of search methods, view the trailer and the description about the item. If they like the item, they can add it to their basket and checkout. The project also catered for the staff of the store as it allowed them to configure their products such as increasing the stock or removing an item from the system.

**Challenges faced:**

* Ensuring data integrity and confidentiality.
* Prevent an item with the same name being rented twice in a transaction.

**Technologies & Tools Used:**

Java, SQL Database, SQL Developer, IntelliJ IDEA and Netbeans.

**Third Year Industry Project**

**Description**

This project focuses on implementing administration functionalities on a field in BOAT called ‘Root Cause’. Root Cause is used as the conclusion to the CSR (Customer Service Request) / bug that has occurred to a product belonging to Ericsson. When a customer of Ericsson discovers a bug, they create / open a CSR for that product. When the CSR is solved, they must be de-escalated (closed) and in the process, a Root Cause is selected. With these new functionalities, administrator users of BOAT can manage Root Causes to ensure that the CSR Handler uses only updated and relevant Root Causes.

**Challenges faced:**

* Ensuring that only users of BOAT with administrative rights can manage Root Causes.
* Preventing administrators from adding a Root Cause that already exists in the system.

**Technologies & Tools Used:**

Java, JSF, Primefaces, MYSQL Database, Eclipse, Egit, Apache Tomcat Server.

**INTEREST AND POST OF RESPONSIBILITY**

* Volunteered every Saturday in the college for CoderDojo which is a programming club for young people between age 7 and 17.

**REFERENCES**

Gerard Keena Paul Njesse

Engineer Engineer

Tel: +353906431459 Tel: +353906462028

Email: [gerard.keena@ericsson.com](mailto:gerard.keena@ericsson.com) Email: [paul.njesse@ericsson.com](mailto:paul.njesse@ericsson.com)