

KIERAN DUFFY

SOFTWARE DEVELOPMENT STUDENT

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Motivated Software Development student dedicated to improving skills through hands-on learning and development work. Well-organized and collaborative team player with strong communication and problem-solving skills. Experience working in high-pressure situations as part of a team and in an individual setting.

SKILLS

Languages: Java, HTML, CSS, JavaScript, C#, SQL

Software: IntelliJ IDEA, Visual Studio, GitHub

PROJECTS

NASA API App: Application with a simple user interface built using HTML, CSS, and vanilla JavaScript. The application takes a user input and displays images and descriptions from NASA based on the search term. JavaScript is used to provide functionality and deal with the JSON response.

Portfolio Website: Personal Portfolio website built with HTML, CSS, and vanilla JavaScript. The website serves as a gateway to display my skills and projects

Library Management System: Fully functioning C# built Library System which allows a user to add, delete, issue, and return books. All data is stored and updated accordingly in an Oracle database. The System issues fines and provides statistics to the user.

Tax Calculator: Java built application which receives user input information such as age, marital status etc. and calculates and displays details e.g. tax liability, credits, USC, PRSI paid etc.

EXPERIENCE

JUN 18 – NOV 18

PRODUCTION OPERATOR - DENSO, GUELPH, CANADA

- Operate machinery necessary to manufacture air conditioning units for automotive companies.
- Identifying opportunities and problems and solving them as part of a team or as an individual

MAY 17 – OCT 17

PRODUCTION OPERATOR - ALLERGAN, GALWAY

- Following instructions on a production line to assemble, inspect and package medical equipment
- Operating machine presser and other equipment to seal products

NOV 16 – MAY 17

PRODUCT TESTER - M&M QUALTECH, GALWAY

- Test flow rates and VMD rates of nebulizers using Sparteck equipment.
- Using test results to complete Device History Record(DHR)
- Increase efficiency, introduce new products, and follow new procedures.

EDUCATION

SEPT 2019 - PRESENT

BSC COMPUTING WITH SOFTWARE DEVELOPMENT, MUNSTER TECHNOLOGICAL UNIVERSITY

SEPT 2011- MAY 2013

BBS RECREATION AND LEISURE MANAGMENT, CORK INSTITUTE OF TECHNOLOGY

VOLUNTEER EXPERIENCE

JAN 21 – MAY 21

PEER MENTOR – MUNSTER TECHNOLOGICAL UNIVERSITY

A In my role as a Peer Mentor I spent one class a week helping 1st year students with their programming module. I also provided assistance with difficulties that they were having in other modules and answered any queries they had in relation to college.

REFERENCES

Available on request