

# Premice Magbetha

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From the moment I produced “Hello World” in the console of my first application I knew I wanted to stay in the world of software development. I am a motivated Software Engineer who brings a creative solution driven mindset to every team and project. Passionate about writing clean code that is reusable and follows the DRY principle. Designs interfaces that incorporate accessibility and user-friendliness. Approaches all new projects with the priorities of simplicity and functionality.

## Skills

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- C# | JavaScript | Python | HTML & CSS | Bootstrap 5 | Unity 2D | Unity 3D | MS Visual Studio | English | French

## Programming Projects

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### Portfolio Website: Front-End Project |

Built, coded and designed a fully responsive portfolio website using html, css and javascript. It is used to display recent projects.

### Restaurant Website: Front-End Project |

Designed a fully responsive website for a make belief restaurant. using html, css and the Bootstrap 5 framework. This project focused on the design and user experience when creating a website

### Recipe Generator: Front-End Project |

Created and designed a front-end React app that generates a different recipe on button click. Implemented Redux for state management used Axios to get data from a 3rd party api.

### Multiple Video Games using C# and Python |

Came up with fully playable video games that provided a fun user-experience. These projects allowed me to learn how to design and prototype mechanics.

### Sorting Algorithms Visualiser Front-End Project |

Built a javascript/ react application to visualize Big-O runtimes of popular sorting algorithms. Implemented Merge sort, Quick Sort, Heap Sort and Bubble Sort

## Work Experience

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### Software Support Specialist - October 2018 - February 2019

Delivered software support for health and wellness software (desktop and mobile) where daily tasks would include troubleshooting customer's website functionality issues such as HTML/CSS and online scheduling widgets. I contributed to making the product better by collaborating with engineers on feature addition/change requests via documenting and submitting detailed customer feedback. Recognised for leading customers toward better business practices and going above and beyond in problem solving to find solutions for customers.

## Education

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### Haydon High school, Pinner

A Level in Computer Science. Physics and Psychology software.

### Northolt High school, Northolt

GCSEs in Computer Science, Maths, English, Science, German and Geography.