MARK MICOSA

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ABOUT ME

I am a newly graduated student of Computer Applications and Software Engineering in DCU. I have experience with **Python**, **Javascript**, **REACT JS**, **React Native, C#, SQL, .NET Framework**, **Java**, **GNU/Linux**, **Android Studio** and **REST API** through my internship, college course and project development.

EDUCATION

Computer Applications and Software Engineering | Dublin City University
September 2017 - 2021 | First Class Honours

I have obtained a first class honours in my degree. I have learned about algorithms, databases, networking, web-development, testing & development methodologies and the fundamentals of computer science.

EXPERIENCE

Software Engineer | Nathean Technologies
July 2020 - June 2021

My duties as a software engineer at Nathean Technologies included a multitude of different tasks. The company is based on the **.NET Framework**. We use the **MVC** software design pattern. The DevOps lifecycle tool used is **Azure DevOps**. I work on bugs, implement new features, make database changes and software testing. I use **C#**, **Javascript** and **SQL** in carrying out my tasks.

PROJECTS

I have developed projects such as an Automated Purchasing Bot which automates purchasing of a certain item in an online shop. I developed a chat system using **React.js**, **Python**, **Flask API, AWS** and **PostgreSQL**. My final year project was a music recognition application using **React Native, Python, AWS** for both iOS and Android. I have used the **Jira**, **Confluence** and **Notion** during the development of my projects.