

# Thomas Nathan Feeney

## CONTACT DETAILS

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## EDUCATION

**BSc (Hons) Computing Science** - University of the West of Scotland - (Aug 2018 - June 2021), *2:1*

At university I completed an honours degree in Computing Science, covering modules such as Advanced programming, Database Administration and Algorithms and Collections. Most of my classes have included a team work element which has greatly improved my communication and leadership skills.

**HND in Web Development and Digital Design** - New College Lanarkshire (Aug 2017 to June 2018), *Grade B*

Following on from my HNC worked with more advanced languages and frameworks such as JavaScript, JQuery, SASS and C#. I also worked with WordPress and furthered my experience with Excel.

**HNC in Web Development and Digital Design** - New College Lanarkshire (Aug 2016 to June 2017), *Grade A*

This was my first introduction to computing. In this course I was introduced to HTML, CSS and PHP. This was also a design course where I learned Photoshop. I also had an introduction to the Office365 package where I learned how to use software such as Excel and Word effectively.

## TECHNICAL SKILLS

Languages: Visual Basic, JavaScript, HTML, CSS, PHP, Java, C#, Powershell, SQL, UML

Technologies: AWS, PowerApps, SQL Server, Git, JQuery, ASP.NET Core, Unix/Debian9, Sharepoint

## WORK EXPERIENCE

***Graduate Software Engineer Kigtek - October 2021 to Present***

In my current role at Kigtek I have worked with SQL, RESTful API's and VB.NET to maintain and upgrade our flagship application "CaskTEK". This application is used to allow customers to monitor the filling, discorging and reporting of casks. Also within this role I have created and modified applications using TIA Portal that I deployed on site, this allowed me to gain experience working in a fast paced environment. I also created an application using Power Apps, Power Automate and SharePoint to replace our current maintenance logging application. This application allows on-call staff to log and maintenance calls to be viewed and referred to later, it also produces reports for each month to be sent out to clients. At Kigtek I have gained great confidence in picking up new technologies and skills as required.

***Website Developer Mates Rates Ltd – July 2020 to August 2020***

In this role I built two websites using WordPress. During the development process I also gained experience using PHP and CPanel. This position has taught me the importance of organisation and planning ahead, it has also given me confidence in communicating with clients. I was also given an introduction to SEO through working with Google Analytics, Google Console and Google developer tools.

## **PROJECTS**

### ***Call Log Application - Kigtek***

At Kigtek I was given a project to create a solution to the existing call logging application. The on-call staff wanted a new application that was easier to use. I wrote a project proposal for an application to be built using Powerapps, Power Automate and Sharepoint as the company was wanting to branch into the Office365 environment. This application allows the on-call staff to easily log any support calls that come in. The main focus of the application was user experience and one of the ways I was able to achieve that was removing the need for irrelevant and redundant questions. Another feature of the app was to allow staff to search for previous calls where a similar issue had been solved, this makes the process of finding a resolution more efficient. The final functionality of the application was to automatically generate a report for the past month that gets sent to the customer to show stats such as frequency, type and duration of support calls in the last month. The previous solution required a member of staff to manually create these reports.

### ***Dissertation - BSc Honours Project***

For my honours project I had the idea to create an application to discuss and implement a way that QR codes can be used to improve/benefit the hospitality sector. The main idea being that a restaurant can have a QR code that can be generated to link the user to a page on a web app that will display information to the user such as menus, deals and events. The web application was primarily created using PHP that allowed the connection to use SQL databases to store information relative to the user such as usernames and passwords.

### ***Tank War - BSc Individual Project - Advanced Programming for Mobile Devices***

This project involved building a game using Java and Android Studio. We were given parts of a Tank War game built in C# - our task was to recreate the game in Java and improve upon it. This project gave me experience developing a mobile app and modifying an existing codebase.

### ***I'm Lost - BSc Group Project - Programming for Mobile Devices***

I'm Lost is a web based dungeon crawler game made using Java, HTML, CSS and JavaScript. In this project I was made team leader and in charge of delegating tasks to the other members and making sure the work was to a desired standard. My task was to build the web page for the game, which I used HTML, CSS, Bootstrap and JavaScript to do so. We presented our finished game to the year group as well as talking through our ideas and how we implemented them.

## **Other useful information**

Full clean UK drivers licence

**References available upon request**