

Isaac Philip Cooper

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Personal Profile

I pride myself on being proficient in Front-end development practises, and database integration - be it SQL or NoSQL. I have an understanding of back-end development, due to the extensive use of PHP throughout college and university.

I ensure that my communication skills are always up to the best standard possible - I understand the importance of communicating with co-workers and clients to ensure that projects are created following specific guidelines that are needed for completion. Taking part in freelance and open source work is a very important aspect of my time dedicated to development study - the process of working with other people to create a worthwhile product is very important to me.

Projects

Car Catalogue Website [PHP + SQL]

[\[https://github.com/IsaacPCooper/Car-Catalogue\]](https://github.com/IsaacPCooper/Car-Catalogue) [\[https://ipacarweb.herokuapp.com\]](https://ipacarweb.herokuapp.com)

Purpose:

The webpage was created to demonstrate connections from front-end to back-end in web development, it was created as part of a university module in which the brief stated a website is to be created that includes a search function, user sessions and an account system.

Design:

The website was created under set guidelines, specific things were required to demonstrate knowledge in the required areas - SQL databases had to be used, and the webpage had to be responsive and able to work on multiple device formats.

Systems/Tech Used:

- ❖ HTML/CSS
- ❖ PHP
- ❖ Git
- ❖ MySQL
- ❖ Heroku

Car Dealership Application [Android Application]

[\[https://github.com/IsaacPCooper/Car-Catalogue\]](https://github.com/IsaacPCooper/Car-Catalogue) [\[https://ipacarweb.herokuapp.com\]](https://ipacarweb.herokuapp.com)

Purpose:

An Application created in fulfillment of the final project within my computing science degree - I decided to attempt to use languages and technologies that I had no previous experience with in order to challenge myself. A requirement was to use emerging technologies within the project, I decided to use geolocation and geo-queries.

Design:

The application was created using the Android Studio SDK, with Firebase being used as a database, connecting to the google API in order to allow the user to query results based on their location through google.

Systems/Tech Used:

- ❖ Java
- ❖ Google Maps/Angular API
- ❖ Firebase
- ❖ Git
- ❖ JSON

Technologies

- ❖ HTML/CSS
- ❖ JavaScript
- ❖ ReactJS
- ❖ PHP
- ❖ MySQL
- ❖ Firebase
- ❖ Git

Education

- ❖ **BSc In Computer Science - Staffordshire University**

Hobbies and Interests

- ❖ Freelance Development
- ❖ Gaming
- ❖ Music

REFERENCES ARE AVAILABLE ON REQUEST