

## Isaac Philip Cooper

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<https://github.com/IsaacPCooper>

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### Personal Profile

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A budding web developer with a passion to improve my craft - proficient in front-end and back-end technologies, with a focus on creating responsive and intuitive user experiences.

### Technologies

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HTML/CSS | JavaScript | ReactJS | PHP | MySQL | Firebase | Git

### Projects

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#### Car Catalogue Website [PHP + SQL]

<https://github.com/IsaacPCooper/Car-Catalogue> <https://ipacarweb.herokuapp.com>

##### Purpose and design:

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.

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://ipacarweb.herokuapp.com>

##### Purpose and design:

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.

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

### Education

BSc In Computer Science - Staffordshire University

### Hobbies and Interests

Freelance Development | Gaming | Music