# HIMESH PARMAR

+44 7506 691 665     himeshparm10@gmail.com     https://github.com/himesh10     https://himeshpar.github.io/

## Education

**Brunel University**                                                                                     **Sept 2018 – June 2021**

- **BSc Computer Science** – Achieved **First Class** in first and second year
- Key Modules: **Software Engineering, Artificial Intelligence, Project Management**

## Projects

**XCape Mobile Android App** – **Android Studio, Java, SQL**

- Built an engine that performs tailored suggestions of several media types such as music, movies, tv shows and games based on the user's preferences using Android Studio and was written in **Java**.
- The frontend was built iteratively in response to user feedback using scrum and prototypes in Adobe XD.
- The backend consists of a database made in **SQLite** which fetches the specialised recommendations of the media.

**Programming a Finch Robot** – **Java**

- Led a team of 5 to program a finch robot to complete various activities such as manoeuvre the robot in different directions, adjust the speed and duration and to retrace its steps etc.

**Personal Website** – **Python, Flask, HTML5, CSS3**

- Used **Python** in web development to build a personal website to display CV and projects which is accessible.

**Other Python Projects** – **Python, TensorFlow**

- Built a machine learning pipeline to recognize and label images using a neural network built in **TensorFlow**.
- Built a global password checker using an **API** which investigates the popularity of a given password.

**Budget Tracker Web App** – **JavaScript, HTML5, CSS3**

- Used **JavaScript** to build a web app to track the user's budget of their monthly incomes and expenditures.

**Recipe App** – **JavaScript, HTML5, CSS3, Node.js, NPM, AJAX**

- Used **JavaScript** to create a responsive and interactive web app that fetches the recipe of over a million dishes and dynamically adjusts the recipe based on the number of servings or quantity of people.
- Allows the user to search for a specific recipe, add ingredients to a shopping list or save to a favourites list via local storage.
- Implemented tools such as **Webpack** to bundle the modules, and **Babel** to convert ES6, ES7 and ES8 back to ES5.
- Employs the use of the food2fork API that pulls the ingredients and instructions to cook a recipe.
- Employs food2fork API to fetch that pulls the data and displays the recipe food data.

## Work Experience

**Freestyle Cuts**                                                                                          **Jul 2020 – Sept 2020**

*Software Engineer*

- Developed a mobile app for a hair salon start up with over 600 monthly active users, used **React Native** and **Sails.js.**
- Implemented features that manages operations and interacts with **IoT devices** in a semi-automated hair salon.
- Involved in the acquisition, creation and management of innovative databases from various sources, such as B. Internal and external systems, flat files, databases, external APIs, etc.
- Played an active role in the planning, programming and testing of microservices in the area of productive applications.

**Pandava Sena (Full Time Volunteer)**                                                          **Aug 2019 – Jul 2020**

*Web Developer*

- Used **React, HTML5, CSS3** and **RESTful APIs** to design and develop several pages including the sign ups forms, image galleries.
- Used **Python** and **Google Apps Scripts** to automate admin tasks for data scraping and spreadsheet management.
- Developed youth leadership training, promoting positive lifestyle habits and providing mentoring services.
- Key member of the leadership committee organising a festival for over 60,000 visitors.

## Technical Skills

Experienced in **Java, JavaScript, Python, Android Studio, HTML, CSS, Flask, TensorFlow, Git, Photoshop, SPSS, SQL.**