

Dhanushree Motanalira Somaiah

[LinkedIn](#) | [GitHub](#) | [Leetcode](#)

Email: dhanushree0424@gmail.com | Mobile: +44 07512643158

EDUCATION

Cardiff University

MSc Computing with placement year

Sept 2022 – Dec 2024

Relevant Coursework: Fundamentals of programming, Algorithms, Data Structures, Software Engineering, Databases and Modelling

Bangalore city University(Jyoti Nivas College)

BSc Psychology, Journalism, Computer Science(triple major)

Jun 2018 – July 2021

Obtained 2:1

TECHNICAL SKILLS

Languages : JavaScript, Python, Java, HTML, CSS

Frameworks : Flask

Databases : MongoDB, PostgreSQL, NoSQL

PROJECTS

Digital Portfolio, part of coursework

Flask, Python, MySQL

[Source Code](#)

- Designed and developed a clean and modern dynamic website using **Python and Flask along with SQLite as database**.
- Utilized **responsive design** to ensure compatibility across all devices

Rock-Paper-Scissors, JavaScript game

Node.js, JavaScript

[Source Code](#)

- Using JavaScript, HTML, CSS, developed a game that plays against the user. Concepts used- AddEventListener(), Math.floor(), Math.random(), switch statements
- Deployed on GitHub pages via GitHub Actions

EXPERIENCE

STEM Ambassador

Oct 2022 – Present

STEM Learning LTD(COMSC Cardiff University)

Cardiff, UK

- Working with children and teachers, **educating and representing science/technology**.
- I assist delivery officers during sessions with children and teachers at various schools and events in the city. Most of these sessions involved easy-to-hard coding and INSET for teachers. I aid students that need help and organize sessions

Alt text writer

May 2022 – Aug 2022

Straive

Remote-Pondicherry, India

- Worked with Springer Nature publications in reviewing and writing descriptions for photos/graphs/charts/images in scientific books to aid visually impaired readers.
- Pitched in ideas and feedback to the software engineering team to make **'SPACE'(writing software)** more productive through filter by date method

HACKATON AND ACTIVITIES

MOOC Challenge- JavaScript with NATWEST Group

CODE FIRST GIRLS

Nov 2022

- Hackathon to develop a solution to the current cost of living crisis using JavaScript. Built and presented an educational website that supports the user to identify a more cost-effective option and allows them to compare.

IT's not just for the boys

targetjobs UK

Nov '22, Feb '23

- After an interview process, I was selected to attend a **networking event**, 'IT's not just for the boys', on 28th Nov 2022, and 13th February 2023, organized by Target jobs and had a personalized **skills seminar** with software engineers and potential recruiters from top-tier companies