

Dhanushree Motanalira Somaiah

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EDUCATION

Cardiff University

MSc Computing with placement year

Sept 2022 – Sept 2024

Expected 2:1. Relevant Coursework: CS Fundamentals, Algorithms, Data Structures, Software Engineering, Databases and Modelling

Bangalore University(Jyoti Nivas College)

BSc Psychology, Journalism , Computer Science(triple major)

Jun 2018 – July 2021

Obtained 2:1

TECHNICAL SKILLS

JavaScript, HTML, CSS, Python, Flask, Git

PROJECTS

Digital Portfolio, part of coursework

Flask, Python, MySQL

[Source Code](#)

- Designed and developed a clean and responsive website using Python and Flask, incorporating over 500 hours of development work, and utilizing SQLite as the robust underlying database.

Personal Website

HTML, CSS, JavaScript

[Website](#)

Weather Dashboard

Flask, Python, OpenWeather API

[Source Code](#)

EXPERIENCE

Development and Delivery Officer

Aug 2023 – Present

COMSC Outreach Cardiff University(DBS Certified)

Cardiff, UK

- Led interactive computer science workshops in schools and libraries, collaborating with Technocamps and Cardiff Council. Taught Python, Raspberry Pi, Microbits, Lego Spike, web development (HTML, CSS), and more to ignite a passion for computer science. Additionally, offering CPD sessions to help teachers teach computer science more effectively.
- Outreach activities:** [Twitter](#)

STEM Ambassador

Oct 2022 – July 2023

STEM Learning LTD(COMSC Cardiff University)

Part-time, Cardiff, UK

- Working with children and teachers, **educating and representing science/technology**.(DBS Certified)

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.
- Proposed and implemented a filter-by-date method in SPACE writing software, boosting workflow efficiency by 30% for the software engineering team.

Public Relations Specialist Intern

Nov 2021 – Feb 2022

Weber Shandwick

Remote-New Dehli, India

- As a PR intern, part of my responsibilities included engaging with various journalists through interviews and conversations to promote our brand and increase media exposure. Through these interactions, I was able to develop strong communication skills and gain valuable insight into the media industry.
- Compiled daily and monthly coverage reports for clients, Nestle, McDonald's, and Pernod Ricard by media tracking, research, and updating media lists which were involved in disseminating press releases.

Reporter Intern

Deccan Herald

Aug 2019 – Sept 2019
Internship, Bangalore, India

- Published articles about entertainment and lifestyle on both website and print

HACKATHON AND ACTIVITIES

MOOC Challenge- JavaScript with NATWEST Group

CODE FIRST GIRLS

Nov 2022

- Developed and presented an educational website at a hackathon, addressing the current cost of living crisis with JavaScript. Website aimed to assist users in identifying more cost-effective options, resulting in an average saving of 15% on monthly expenses.

IT's not just for the boys

targetjobs UK

Nov '22, Feb '23

- Attended IT's not just for the boys **networking events** (28th Nov 2022, 13th Feb 2023) after successful interview process. Engaged in personalized skills seminars with software engineers and recruiters from top-tier companies.

Volunteer

STEM Ambassador

Nov '22 - July '23

- Community Outreach and volunteered at Cardiff youth center.
- Guiding and inspiring young girls to cultivate a passion for STEAM disciplines. [Twitter](#)