Dawn Hughes

dawnhughesnow@gmail
https://github.com/FedDawb

Self-driven junior developer transitioning from a successful Midwifery career into technology. I have pursued intensive self-directed learning in software and data engineering through online platforms like SheCodes and Code First Girls alongside my full-time work as a midwife.

Guided Courses and Projects

Introduction to coding

SheCodes-Basic HTML, CSS, JS and how to use VScode and the basics of frontend coding.

Introduction to Web Development

SheCodes– HTML, CSS,JS

Putting to use the skills to make a basic landing page and how to host on netlify.

Web Development

SheCodes– Created a [weather app](#) using different techniques, including live data to update using api.

Advanced Web Development

SheCodes-Developed and created a [World clock](#) using real time information for multiple countries.

Introductions to Artificial Intelligence

SheCodes-Created an AI based project that generates comical

[Irish Limericks](#) with prompt words that are entered.

Responsive Web Development

SheCodes-.Created a basic [portfolio page](#) to show some of the projects that I had been working on and to update when future projects are created.

Responsive Web Development

SheCodes-.Worked on a responsive [travel website](#) combining the techniques previously learned, while now embedding external media into the site.

Courses

Code first Girls-Software and Data Engineering-31 Jan 2025

Final Project-[Movie chooser project](#)

Code first Girls- Cyber Security-04-Apr 2025

Personal Projects

Building on the frontend skills developed with Shecodes, Backend skills learnt through Code first girls and my keen interest in how to utilise AI capabilities, I began working on my own personal self directed projects.

[Leftover cupboard](#)–Input leftover ingredients in your pantry to get healthy nutritious recipes back.

[Foodsion chef Assistant](#)-This is a version 2 of the above development. I wanted to create something that had voice activation and felt more user friendly. Utililised AI to assist with the creation of the site.

[SSI-riskfactors](#)– I wanted to build something that could predict risk around infections in surgical procedures. This helped me learn how to apply python, pandas and numpy to process dummy patient data

Work History

NHS, East Surrey — *Midwife*

July 2015 - PRESENT

Working as the lead for a small team of Midwives that cover roughly a third of the total unit births.

In this role, on the administrative side- I organise operating lists,

contact patients for clinics, input into local procedures and protocols organise staffing and off duties.

Clinically- I work doing preoperative clinics and in an operating theater environment. These areas involve high intensity situations dealing with resusitations and complications of high risk pregnancies.

NHS, Royal London — *Student Midwife*

Sept 2009 - Aug 2014

Completed my practical training and degree here for my Midwifery degree.

Various Bars, London — *Assistant manager/Bar Person*

MONTH 2003 - Sept 2009

Worked my way up from bar assistant to an assistant manager in a busy central London Bar for a number of years.

Gained lots of life skills and dealt with tricky customers.

EDUCATION

SheCodes—Short courses

Feb 2023 - March 2023

I have completed a number of short courses with SheCodes.

I've built up some basic skills in frontend development through doing these courses and completing projects that put the skills I have learnt to use. These are online self study projects that I have been completing alongside my full time midwifery career.

City University, BSc Midwifery — *Degree*

Sept 2009 - August 2015

Completed training to become a midwife. Training was completed In The Royal London hospital in whitechapel, Picked up a wealth of experience working in a highly populated area.

Learning skills in all areas of midwifery .

Personal Projects-Continued

SSI-V2- This is a current project I am working on. As a midwife I wanted to follow on from my previous learning of data analysis and using Python to make a user friendly clinician tool to predict risk of infection. This is something I am continuing to work on and gathering data through work to see if it is a viable program.

I have completed a number of courses and training and worked on a number of projects all in my spare time around my fulltime career as a Midwife, which I feel shows my dedication to wanting to move into software development and engineering.

I'm currently looking for hands-on training or job opportunities where I can work and collaborate on projects with other developers in order to gain experience in the real world of tech and Web Development and software development. I'm keen to expand and improve my skills learning on the job from experienced developers.

As displayed, I have been working on my own small projects to expand my learning, understanding and skills. The current project I am putting together is to assist with an everyday problem that as a clinician I can see can be largely preventable, therefore I want to use the skills I have learnt through coding, to solve a problem or issue I see everyday in my practice as a midwife.