

## **DETAILS:**

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## **ONLINE RESUME:**

<https://richardjohnnowell.github.io/Resume/index.html>

A four page website showing different aspects of my life in a much more rewarding format. Built & designed by me, it offers a much improved overview than 'paper CVs'. Original template from The Code Institute on GitHub.

**Richard Nowell**  
Programmer

**PERSONAL INFO**

**NAME:** Richard Nowell  
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**ABOUT ME**

I grew up in the east of England and went to school in Norwich. I moved to Bristol in 1984 as a teenager. I have been a woodworker since 1988 and have worked for many clients in many different situations. In 1993 I started programming with a City & Guilds in COBOL and BASIC. During the nineties and noughties I became very familiar with music programming software and spent decades making music. Over the past few years I have been studying web development and its associated programming languages. Since I was 12 I have been keen on astronomy and have discovered 35 supernovae. I have also been involved with citizen science and have been writing for Wikipedia since 2006.

**LEARNING AND EXPERIENCE.**

**WHAT DO I DO?**

At the moment (Spring 2024) I am studying a course "Level 3 Cyber Security Technician" with the Skills Network. I am also studying a CompTIA IT Fundamentals course.

The Skills Network Bootcamp is cyber security focused training which will help me gain a broad and in-depth understanding of the various roles within this sector. This course will enable me to understand the key systems and terminology that are used on a daily basis, as well as a greater knowledge of the GDPR, IT Security and Data Protection policies and procedures.

During 2022 - 2023 I was on the Code Institute Level 5 Web Development Full Stack course. Through this course, I have learnt about using HTML, CSS, JavaScript, Python and PostgreSQL and built 4 websites of increasing complexity. During 4 decades of employment I have worked as an English teacher, a sound stage contractor, a music producer and in many types of woodworking.

**HOW DO I DO IT?**

I have gained vocational qualifications over the years in computing, teaching and woodwork. I have set up businesses and been awarded grants for doing so. Through familiarity with computers, I was able to get a foothold in the music business which led to me building sound studios. After becoming tired of that business, I qualified as an English language teacher. I have a wealth of experience and have worked for many different types of customers.

**WHY HIRE ME?**

I am keen to be involved with AI and also realise that working with low code platforms such as Microsoft PowerApps and Mendix IDE is the way forward for coding and web development. Through interaction with people in the industry, I have developed a knowledge of where the trends over the next few years will be and am able to take on these challenges.

This website was designed and built by Richard Nowell Spring 2024.

## **MY SKILLS:**

**Front end:** HTML5, CSS3, JavaScript ES6, Python3, C#, COBOL.

**Back end:** Python3 Flask and Django using ElephantSQL and Postgres, AWS Cloud Practitioner Essentials certificate.

**Various:** Microsoft VSCode, GitPod, GIMP, Heroku, Linux, Python IDLE, Steinberg Nuendo and Wavelab, Magix Soundforge, Libre Office, DB Browser for SQL.

## **EMPLOYMENT:**

2013 – 2024:

Self-employed woodworker for a variety of clients, mainly domestic.

2008 – 2012:

English Language Teaching at Oxford Intensive School of English (OISE). Similar at Bristol Language Centre (BLC).

2001 – 2007:

Music producer and record company head for Feel The Quality Records and Dub Direct Records. Released 6 cds.

1993 – 2001:

Studio Design and Build.

1988 – 1992:

Woodworking business. Set up Dragon Decorative Crafts with bursary from Princes Youth Business Trust (£1500).

1984 – 1987:

Various woodwork jobs including Willsbridge Mill, a Bristol nature reserve.

## **EDUCATION:**

April 2024 – ongoing:

Skills Network – Level 3 Cyber Security Technician.

September 2022 – September 2023:

Student at City of Bristol College studying Code Institute Full Stack Diploma.

April 2022 – May 2022:

Student on Open University course:

“Introduction to cyber security – stay safe online”.

Awarded an OU badge.

January 2022 – March 2022:

Student at City of Bristol College studying beginner’s Python (evening class).

October 2021 – December 2021:

online course in C# from Destin Learning.

January 2008 – April 2008:

Student at City of Bristol College.

studied Certificate in Teaching English to Speakers of Other Languages.

Passed as a TEFL teacher.

September 1992 – February 1993:

Student City and Guilds Bristol Training Centre  
studied COBOL and BASIC.

Passed City & Guilds.

June 1987 – December 1987:

Student City and Guilds Bristol Training Centre.

Carpentry and Joinery.

Passed City and Guilds.

September 1982 – January 1983:  
student City of Norwich Technical College.  
'A' level courses - left after 2 terms.

September 1979 – July 1982:  
pupil at the Norwich (King Edward VI) School.  
Left with 6 'O' levels.

September 1974 – July 1979:  
Pupil at Town Close House Preparatory School, Norwich.  
Left with Common Entrance to the Norwich School.  
September 1971 – July 1974:  
Pupil at primary school in Wymondham, Norfolk.

## **INTERESTS:**

### **Astronomy:**

35 Supernovae discoveries.  
<https://ui.adsabs.harvard.edu/>  
author: Nowell, R.

### **Scientific acknowledgements:**

Galaxy Zoo Green Peas: discovery of a class of compact  
extremely star-forming galaxies.  
<https://ui.adsabs.harvard.edu/abs/2009MNRAS.399.1191C/>  
abstract

Gems of the Galaxy Zoos – A Wide-ranging Hubble Space  
Telescope Gap-filler Program.  
<https://iopscience.iop.org/article/10.3847/1538-3881/ac517d>

Reinventing Discovery: The New Era of Networked Science  
Michael Nielson, Princeton University Press, 2011.  
ISBN 978-0-691-14890-8.  
[https://press.princeton.edu/books/paperback/9780691160191/](https://press.princeton.edu/books/paperback/9780691160191/reinventing-discovery)  
reinventing-discovery

**Music:**

I play the piano and the guitar. I have played professionally and can use and program a large range of synthesisers. I am at home in a recording studio environment and have recorded, produced and released the contents of 6 cds, several singles and 12".

**Wikipedia:** I've started half-a-dozen articles and made over 4000 edits: [https://en.wikipedia.org/wiki/User:Richard\\_Nowell](https://en.wikipedia.org/wiki/User:Richard_Nowell)

**Conservation:** California Condor. Perhaps as a result of the month I spent in California in the nineties, I have become involved in the project to save the condors from extinction. Briefly, by 1987 there were 22 birds left in the wild. These were captured and a breeding program was started with federal funds. Today there are near 560 condors, more than half of which are free flying.

Ventana Wildlife Society:  
<https://www.ventanaws.org/>