Matthew Hanson

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Location: County Durham

GitHub: https://github.com/dingbat91

Personal Statement

Experienced in JavaScript/TypeScript, including associated frameworks including React and NextJS. My background covers development of single and multiple page applications and conducting unit tests via Jest, Vitest and the React Testing Library.

Completed graduate level and personal projects that include C-based languages and Python and have worked with deployment of virtualised containers both for development and deployment of web services. Possesses enthusiasm about technology, strong problem-solving skills and can easily pick up new software and processes.

Modernised to recent standards through Tech Returners programme, I am eager to return to my programming career and develop and deploy my skills.

Skills

- Virtualisation & container deployment
- Data Storage and RAID systems
- Internet of Things (IOT) setup and deployment
- Streaming media deployment

- **Languages:** C#, C++, Python, JavaScript
- **Web Technologies:** HTML, CSS, PHP, NGINX
- **JS Frameworks:** React & NextJS
- **JS Testing:** React Testing Library, Jest, Vitest

- Good working knowledge of both Windows and UNIX operating Systems
- Set up and maintained networks, manage network security and detail technological terms and processes.

Projects

MovieDB Website Project
https://github.com/dingbat91/TR_Project_TeamB | https://team-popcorn-movie-database.vercel.app/
Details
A Movie Database App accessing data from themoviedb in an IMDB/Netflix style interface. Including search and Watch list functionalities using React and API Queries

Tech Returner Course: Fakelandia
https://github.com/dingbat91/TR_Fakelandia
Details
A fake justice department website. Pulling data from a mocked-up API and displaying it in a functional manner as well as inputting data back to the mocked database

Tech Returner Course: Mars Rover
https://github.com/dingbat91/TR_Mars_Rover
Details
Using JavaScript/TypeScript to create a fictional Mars Rover CLI Interface. Managed in a class-like format

Mod API Retrieval
Pulling details from an API from steam and inputting/updating it's data into an Excel spreadsheet. Keeping information up to date automatically for a personal group meeting

Media Ingestion Pipeline
Taking media files from a DVD and converting and automatically ingest them into a media server. Including Episode Details, Subtitles, and other miscilaneous details.

Employment Experience

- **2011-2020 CARER**
  Carer for disabled family member where I learned time management and task prioritization, interacted with people in an empathetic manner, and problem solving.

- **2008-2011 Customer Assistant, Tesco,**
  Interacted with customers at point of sale and working together with team members to resolve customer enquiries expediently whilst maintaining a professional and available shop front.

Qualifications

- **2023 Tech Returners**
  A thirteen-week JavaScript course for returners to the web development industry. Focused on developing modern web skills including tools like ECMAScript, React, Semantic HTML and Mobile First Development. Culminating in development of an API Driven Website

- **2022 Baltic Apprenticeships**
  Completed two separate courses:
  - Software Academy:
    Focused on development of fundamental web development skills including HTML, CSS, JavaScript and PHP

  - Data Skills Accelerator
    Focused on Data Science and Databases. Including overviews on Data Modelling concepts as well as Database Management Tools like MySQL, Oracle, and MariaDB

Education

- **2020 NCFE Certificate in Digital Skills for Work   Baltic Apprenticeships**
  A certificate covering the use of modern digital technologies to use in the workplace. Including remote working tools like Zoom and Microsoft Teams

- **2014 Computer Gaming Technology   Anglia Ruskin, Cambridge**
  - Result: 2-1 w/Hons
    A four-year university degree focused on computer gaming technology, covering 3d modelling, UI Design, project management and conceptualizing designs as well as programming a fully interactive game via Unity, Unreal and other games engines employing C# and C++

- **2010 National Diploma in IT & Computing   College of West Anglia, Kings Lynn**
  - Result: Merit, Pass, Pass
    A two-year National Diploma covering Computers, including programming in C#, Web Development, Database and Excel skills as well as construction and debugging physical issues with devices.