Matthew Holmes

- Liverpool/Prestatyn
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- 07904814746
- https://github.com/mattholmescodes
- Full Clean Driving License

PROFILE

Aspiring software developer with hands-on experience in full-stack development using Python, JavaScript, React, and Flask. Skilled in agile practices and collaborative coding, with a quick learning ability and passion for building efficient software solutions.

SKILLS

Programming Languages
- *Javascript, HTML, CSS ,SQL, C, Python*

Frameworks & Technologies
- React, Flask, JSX, APIs

Software Development Practices
- Test-Driven Development (TDD)
- Object-Oriented Programming (OOP)
- Domain Modelling
- Agile Methodologies
- Pair Programming

Personal Skills
- *Communication*
- *Innovative Thinking*
- *Strong in Team Environments*

EDUCATION

BSc Pharmacology
University of Liverpool
Sep 2015 – Aug 2019

COURSES

CS50: Introduction to Computer Science ⬈
Harvard University (edX)
Mar 2025
Completed: March 2025 Comprehensive introduction to computer science, covering C, Python, SQL, HTML, JavaScript, and CSS. Credential: View Certificate ⬈

Software Engineer Bootcamp
Manchester Codes
Completed an 8-month intensive software engineering course, gaining proficiency in agile practices, full-stack development, and software design patterns.

PROJECTS

Readability (Python) ⬈
Developed a Python tool to determine the reading age of a text using the Coleman-Liau index, helping users assess text complexity.

Go Local North Wales (Python, Flask, HTML, CSS) ⬈
Created a Flask application to facilitate buying and selling of local produce.

Fiftyville (SQL) ⬈
Analyzed a mock crime scenario using SQL queries to identify a suspect and accomplice.

Finance (Python, HTML) ⬈
Built a web application to manage stock trading with features like buying/selling and cash deposits.

JOB HISTORY

Learnd
BT Technical Databuild
Dec 2021 – Present
- Developed and maintained wireless BEMS sites, ensuring reliable data communication and performance.
- Built and tested alarm systems, collaborating with engineers on Ethernet switch integration.
- Upgraded programming configurations and tested emergency action plan (EAP) alarms.