Luke Pomeroy

✉ **lukepomeroy@hotmail.co.uk**　　📞 **07980338143**　　🌐 **Portfolio**

in **lukepomeroy**　　○ **luke-pomeroy**

I'm a highly motivated self-starter driven by a genuine passion for technology and creative problem solving, with over a decade of experience in software development. I get satisfaction from crafting and implementing technical solutions that address user needs in innovative and impactful ways. I thrive on learning new languages, frameworks and technologies and solving complex challenges. In my free time I develop personal projects in order to hone my skills and keep up to date with emerging technologies.

Languages: Python, Java, JavaScript, TypeScript, HTML/CSS, Bash, SQL, PL/SQL

Technologies: Git, React, Redux, Node, Django, Flask, Docker, Linux, AWS, Spring Boot, Hibernate

Projects

Culture Trail　　　　　　　　　　　　　　　　　　　　　　　**2023-present**
Java | Spring Boot | Hibernate | PostgreSQL ~ React | Redux ~ Capacitor
A mobile app I'm developing, for providing self-guided city culture tours.

lukepomeroy.co.uk　○ luke-pomeroy/portfolio　　　　　　　**2022-present**
Python | Django | HTML5 | CSS | Oracle Cloud
My portfolio website, built to showcase my development skills and projects.

Cactusapp　○ luke-pomeroy/cactusapp　　　　　　　　　　**2021-present**
Python | Django | HTML/CSS | Oracle Cloud
Maintains a record of cacti seeds and sowings, with an API endpoint for environmental data readings.

ImageAPI　○ luke-pomeroy/imageapi　　　　　　　　　　　　**2020**
Node | Express | lovell/sharp
Microservice serving images on-the-fly with parameters for desired image size.

Education

M.A. in Museum Studies (1:1)　*University of Leicester*　　　　**2010**

B.A. Honours in Fine Art (2:1)　*University of the West of England*　　**2006-2009**

Training Courses and Certifications

LinkedIn Learning Courses　　　　　　　　　　　　　　　　**2022**
- Designing RESTful APIs
- Docker for Developers
- Version Control with Git
- TypeScript OOP
- Breaking a Monolith into Microservices

PRINCE2 Agile Foundation　*The Knowledge Academy*　　　　**2020**

Introduction to Oracle SQL　*Learning Tree International, London*　　**2013**

Introduction to Crystal Reports　*Learning Tree International, London*　　**2013**

Experience

Software Developer   *Freelance*   **2016-present**

- Configured, implemented and continue to maintain an open source Collections Management System Collective Access on AWS/Oracle Cloud for Glenside Hospital Museum in Bristol.
- Ongoing consultancy work with the Museum of London.

Software Developer   *Museum of London*   **2019-2023**

- Designed a web-based system for issuing exhibition object lists to replace a manual process, allowing exhibition development to scale for the development of the new London Museum.
- Pioneered the implementation of an iOS app to facilitate movement of collections via barcodes, and customised/extended accompanying PHP RESTful API, resulting in a greater increase in accuracy of data (from %70 accuracy to %99.5 accuracy).
- Developed an automated image processor integrated with an SQL database, introducing the ability to scale image ingests and dramatic efficiencies in staff time (1 day per week).
- Implemented a dynamic statistics dashboard offering stakeholders valuable real-time insights into key workflow processes through advanced SQL queries.
- Collaborated with stakeholders to map complex workflows and define system requirements, bridging the gap between technical and non-technical teams via strategic workshops.
- Led and mentored a team of three, providing a help desk and training to over 100 users.

  Formal role title: Documentation Manager - Systems and Data Lead New Museum

Systems Developer   *Museum of London*   **2013-2019**

- Responsible for Oracle Database and user account administration, including creation of Crystal Reports and writing advanced SQL queries to migrate/manipulate large datasets.
- Oversaw a help desk and training programme for over 100 system users.

  Formal role title: Documentation Officer

Collections Information Officer   *Science Museum*   **2011-2013**

- Worked on two large scale projects to improve collections data for 1,800 objects decanted from the Ships Gallery, and 1,200 objects as part of a project to inventory controlled drug collections.