LinkedIn | GitHub | Website

Janet Dornan, BEng, MIET

Profile

I am a **Power Platform Developer** with a passion for design and accessibility. After completing my web application development diploma in 2023, I have gone on to find my passion for building integrated Power Platform solutions at Metro Bank. My latest project is creating a freecycle-inspired Power App for over 3000 users, where they can post and reserve unwanted household items, hence saving money and helping to reduce landfill.

I first discovered my interest in app development, when I created a self-hosted Wordpress site to display my handmade jewellery. This enabled me to keep in touch with potential customers and the local art community. Shortly afterwards, I became involved with codebar and now volunteer as a co-organiser at our free programming workshops in Birmingham.

Tech Skills

• **Power Platform**: Canvas and Model-Driven Power Apps, Power Automate, Power BI
• **Databases**: SharePoint List, Dataverse, SQL, MySQL
• **Languages**: HTML, CSS, JavaScript

Employment History

Associate Software Engineer, Metro Bank plc, London, UK (hybrid)   **06/2023 – 12/2024**
• Participating in the Associate Engineering Programme for career-changers, gaining exposure to various engineering chapters (Angular, Automation - Power Platform).
• Delivering knowledge sessions to Associate Programme stakeholders (12), engineering chapters (2) and feature teams (2).
• Working within the Scaled Agile Framework in value streams (2) and feature teams (2) utilising Scrum and Kanban methodologies.
• Leading morning stand-ups for the feature team (18) at Metro, to discuss the day's tasks and any blockers.
• Collaborating with designers, product owners, developers and testers in an agile environment within the software development lifecycle.
• Programming using Git, code reviews and Azure Pipelines for continuous integration and delivery.
• Diagnosing and rectifying errors in code using technical documentation and analysing tools.
• Experience of AI pair programming with GitHub Copilot in Visual Studio Code.
• Hands-on experience of the Power Platform, building internal business solutions with Dataverse, SharePoint, Canvas Apps, Model-Driven Apps, Power Automate, Power BI.
• Volunteering for community-led technical meetups at Metro Bank.

Co-Organiser, codebar, Birmingham, UK   **06/2022 – Present**
• Co-organising sessions for underrepresented persons in tech, through pair programming tutorials, and events.
• Raising codebar's profile via social media and networking at local tech events.

Non-Technical Role (Hospitality), UK   **05/2022 – 06/2023**

Application Support Specialist, Slimstock Limited, Redditch, UK (hybrid)   **03/2022 – 05/2022**
• Help desk support for an inventory management and supply chain consultancy.
• Writing and debugging SQL queries in Microsoft SSMS via customers' VPN connections.
• Crafting client-targeted technical guides for aspects of Slimstock software functionality.

Various Non-Technical Roles (Hospitality, Retail, Security), UK   **10/2016 – 03/2022**

LinkedIn | GitHub | Website

Employment History (contd.)

Field Services (Graphics) Engineer, Invensys Systems, Crawley, W. Sussex, UK   **01/2016 – 04/2016**
• Onsite commissioning of the distributed control system for the Talisman Montrose BLP Project at Heerema Fabrication and Mammoet in South Holland.
• Modifying the control graphics to testing specifications whilst updating the accompanying documentation.

Non-Technical Role (Retail), UK   **06/2015 – 01/2016**

Field Services (Graphics) Engineer, Invensys Systems Nigeria   **01/2012 – 10/2014**
• Onsite project upgrade of the central control room at the Nigeria LNG Complex on Bonny Island.
• Rebuilding and configuring the control graphics, in order to comply with user specifications and current industry standards.

Project

Animal Shelter Solution
• Power Up Challenge integrated solution, with a video demonstration, can be viewed on GitHub
• Model-driven app with Dataverse developed for shelter staff to easily create, read, update or delete records.
• Canvas app with the same data source developed for potential foster families to view.
• Power Automate is used to generate emails when a foster family registers an interest in an animal.
• Data visualisation reports generated for the marketing department to showcase the shelter's accomplishments.

Career Professional Development

Microsoft Certified: PL-900 Power Platform Fundamentals   **11/2024**

Microsoft: Power Up Program   **03/2024 – 05/2024**

W3Cx: Introduction to Web Accessibility   **12/2023**

AWS Educate: Machine Learning Foundations   **09/2023**

EKC (Code Institute), Ashford, UK   **08/2022 – 08/2023**
• Diploma in Web Application Development (Level 5)
(HTML, CSS, JavaScript, Bootstrap, Materialize CSS, MongoDB, SQL, Python, Flask, Django)

Edge Hill University (IoC), Omskirk, UK   **09/2021 – 12/2021**
• Cloud Computing & Data Analytics (Level 4 CPD)
(Python, Docker, SQL, AI, ML, NLP, AWS, Azure)

Code First Girls (CFG), London, UK   **10/2020 - Present**
• C# Programming (05 Dec 24 – 09 Feb 25)
• Data & SQL Programming (MySQL, Tableau)
• Python Programming & Apps (Python, Pandas, Flask, APIs)
• Web Development (HTML, CSS, JavaScript, Bootstrap)

Education

• PGCert (Level 7) in **Software and Systems Security**, University of Oxford   **04/2015 – 10/2018**
• BEng (Hons – Level 6) in **Electronic and Electrical Engineering**, RGU, Aberdeen
• GCSE: **Maths** – B, **English** – B, Strathearn School, Belfast