JO STARKIE

Cloud Solution Architect

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EDUCATION

BSc (Hons) in Computer Science (Artificial Intelligence) with Professional Practice Brunel University, London - Graduated July 2020 - 1st Class Honours

Awarded Undergraduate Academic Excellence Scholarship for 4 years – Received the Computer Science Department Award for achieving the highest GPA in the cohort

Modules include Algorithms and their Applications, Cyber Security, Data and Information, Logic and Computation, Software Development and Management, Software Engineering, Usability Engineering

PROJECTS

<u>Azure Purview Accelerator</u> - PowerShell driven Purview and Modern Data Warehousing accelerator – an infrastructure as code package that deploys several resources to Azure and configures role assignments for proof of concept and exploration of Microsoft's data governance service (as of 28/10/21, 304 unique clones & 92 script executions).

<u>Azure Purview Demo (collaboration)</u> - **Bicep** driven Purview and MDW **accelerator** – a further infrastructure as code project built to achieve the same as above, however using Bicep to **automate deployment of services**. This project is a **collaboration effort** evolved from Purview Accelerator.

<u>Azure Purview Lab (collaboration)</u> - a **hands-on-lab** walkthrough, introducing the features of Purview to help **educate the concepts** and functionality in a **practical approach**. Supporting bicep templates were developed to **automate deployment** of the required services for the lab.

WORK EXPERIENCE

Data & Analytics Cloud Solution Architect

Microsoft UK, Reading - Sep 2020 - Present

- Owned, produced, and delivered slide and demonstration assets on the CI/CD and Git Integrations with Azure Databricks, done as part of an upskilling workshop ~80 CSA colleagues in Digital Sales.
- Coordinated and facilitated the delivery of a series of dedicated customer focused Power BI workshop sessions for a customer empowering the 23 active attendees to build from scratch and end the session with assets developed in the workshop.
- Develops Infrastructure as code packages, as stretch projects, to accelerate the journey to proof of concept and exploration. Utilises project management tools such as GitHub Projects and Azure DevOps to collaborate with colleagues.
- Evangelises and educates colleagues on data governance best practices across business areas and accelerating customer engagements as a UK Purview champ and subject matter expert.
- **Driving customer success** as a trusted and strategic **technical advisor**, guiding customers on the **architecture and adoption** of modern data warehousing and data governance technologies.
- Working closely with Microsoft engineering and research teams to share field experience
 with products and shape future developments acting as an intermediary in the customer
 feedback loop.
- Analyses customer business requirements and problem statements to produce architecture on cloud based digital solutions and provide leadership through influence to bring value to customers.

WORK EXPERIENCE

IT Consultant

LD Training Services Ltd, Edgware - Sep 2015 - Feb 2020 - Part-Time (AD-HOC Work)

- Developed and maintained the virtual platform that directly resulted in over 150 new admission leads.
- Modified the **Content Management System (CMS)** provided structure to manage the changing requirements of the website, using **HTML** and **CSS** languages.
- Saved the company over £1,500 in marketing design costs by producing marketing materials using Adobe Photoshop and Microsoft Publisher software.

Commercial IT Business Integrator

Elanco Animal Health, Basingstoke - Jul 2018 - Jul 2019 - Work Placement

- Used the JavaScript frameworks ReactJS & NodeJS to develop and successfully deliver
 the global Elanco Students website, that was instrumental in attracting future talent to
 the student programme.
- Designed and implemented an interface between a Salesforce system and Oracle database, resulting in large savings for the affiliate's reporting activities and a new foundation for further systems to be built on.
- Exercised my skills in **Microsoft Flow, PowerApps and SharePoint** platforms to **build** and **automate** a tracker tool for the UK & Ireland Affiliate.
- Increased visitor traffic and user engagement to the <u>MyElanco digital portal</u> by proposing both practical and technical solutions to improve the user experience.
- Proactively improved the performance of the portal by increasing the Google Lighthouse and SEO Audits with Progressive Web Application functionality and further accessibility considerations.
- Increased team productivity by facilitating the delivery of projects as a Scrum Master in Agile Scrum methodology within my development teams.
- Successfully managed my project teams using my gained experience with the **Atlassian JIRA DevOps** tool and Confluence **Collaboration software**.
- **Defined** and **delivered communication plans** within projects to keep progress transparent for the key stakeholders.
- Assessed the risk of proposed technical solutions and mitigated them by evaluating alternative solutions and conducting thorough unit and acceptance testing.

EXTRACURRICULAR

♦ Award winner at IT's Not Just for Boys - November 2019 ♦ STEM & Higher Education

Mentor - Brightside Mentoring (14 - 16-year old's) ♦ Leader - Code Club (9 - 13-year old's) - West

Barnes ♦ STEM Ambassador ♦ Early in Career onboarding team lead ♦ Participated in the

Women in Brunel Computing Mentoring Programme

SKILLS & HOBBIES

- ♦ Microsoft Certified: DA-100 (Data Analyst Associate), DP-900 (Data Fundamentals)
- ♦ **Programming:** JavaScript, React, Node, Java, R, Git, GitHub, SQL, PowerShell, ARM, Bicep
 - ♦ Project Management: Azure DevOps, GitHub Projects, Trello, JIRA
- ◆ Gaining technical insights from articles on Medium and other blogging platforms ◆ Learning new programming languages and technical skills from online courses ◆ Building and developing things such as websites, accelerators and flat-pack furniture ◆ Reading new books every other month as part of a social book club ◆ Weekly Dungeons and Dragons gameplay with friends