

Debbie Jones BSc

A W S C O M M U N I T Y B U I L D E R



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SUMMARY

A passionate and motivated Cloud Technologist with 3 years' experience in AWS cloud architecture and 1 year experience in multi-cloud FinOps practice. I have technical skills gained from a portfolio of AWS cloud projects, supported by my AWS knowledge and certifications. I am a problem solver, very organised and methodical, always achieving my goals and deadlines. I have worked with a variety of clients on their cloud business data strategies and have offered valuable insights into AWS best practice on security and migration planning. I am keen to move into a software engineering role and I am currently learning SQL and training for the AWS Developer Associate Certification.

EDUCATION

Postgraduate Certificate in Education

Secondary Mathematics

UNIVERSITY OF CAMBRIDGE

TRINITY COLLEGE

1995 - 1997

Bachelor of Science

Mathematics (1st class HONS)

UNIVERSITY OF EXETER

1992 - 1995

CERTIFICATIONS

PSMI Professional Scrum Master

09/02/24

FinOps Certified Practitioner

27/07/23 EXPIRES 27/07/26

AWS Solutions Architect Professional

(SAP) 05/11/22 EXPIRES 05/11/25

AWS Solutions Architect Associate

(SAA) 22/4/22 EXPIRES 05/11/25

AWS Certified Cloud Practitioner

(CLF) 16/9/21 EXPIRES 05/11/25

RELEVANT SKILLS

- AWS Architecture
- AWS Security
- AWS Migration Planning
- Cloud Cost Optimisation (FinOps)
- Agile methodology
- SQL
- Data Pipelines

RELEVANT WORK EXPERIENCE

AWS CLOUD ARCHITECTURE, SECURITY AND MIGRATION

Credera Uk March 2023 – April 2024

- Developed strategies to support a company wanting to execute a multi-year cloud program involving decommissioning data centre resources and moving to the AWS cloud to re-host, re-platform and re-architect their applications.
- Involved in developing cloud architecture designs and migration plans for US client to support their request to migrate services and endpoints to the AWS cloud and to migrate a database and modernise this.
- Carried out a Well Architected Review for the AWS security pillar for US company and gave advice regarding securing an AWS application based on the results. Also gave advice around migrating the application to their existing Azure Cloud.

FINOPS COST ESTIMATION AND FORECASTING

Credera UK March 2023 – April 2024

- I worked with a large UK financial institution to develop their FinOps capabilities. This included considering current licensing and optimisation of these.
- I created cloud cost forecasting models for the Google and Azure clouds providing a bridge between ineffective cloud cost estimations being provided by platform teams and using the cloud service providers' online pricing calculators, which were generally being used incorrectly or incompletely to give a representative view of cloud cost estimations.
- I also developed help guides for using both the bespoke cloud cost forecasting models and the cloud service providers' online pricing calculators which were particularly useful for those new to cloud.
- I started the process of automation of use of the models and submission of an MS form resulting in a cloud cost estimation forecast being delivered as an email to the person submitting the form using MS Power Automate.

ARCHTECTURE ASSURANCE

Credera Uk March 2023 – April 2024

- Carried out a detailed analysis of AWS architecture and flow diagrams for a large public sector institution for a new transactional model to identify both good practice and areas for improvement.
- Supported stakeholders to develop and implement better ways of working to ensure that the transactional model was robust, resilient, highly available and performant.
- Also gave insights to improve the security posture including IAM practices and policies.

PROJECT/EVENT TALK PORTFOLIO

All hosted on my website www.debbie-jones.com

- [Migrating databases to AWS using Managed Database Services](#)
- [Visualising Amazon S3 data using Amazon Athena and Amazon Managed Grafana](#)
- [Creating an AWS CodePipeline](#)
- [Building serverless web applications including a static website](#)
- [AWS Manchester COMSUM Talk September 2023 - Journey into the World of Generative AI with AWS](#)