KULDEEP SINGH

Cloud Solutions Architect / Data and AI / ESG / Manager

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♥ London, UK

Professional Experience

(10 Years)



PwC UK

Cloud Solutions Architect / Manager

London, UK 06/2022 - Present

- ☐ Led the design of a **multi cloud** solution using Azure as the primary cloud for an insurance client, enabling secure data storage, processing, and access across multiple data products.
- ☐ Spearheaded the setup and configuration of **ESG** strategy using **Microsoft Cloud for Sustainability**. Worked with Microsoft product team in designing accelerators for Microsoft Product.
- ☐ Collaborated with leadership to define and implement a comprehensive set of product **adoption KPIs**, enabling data-driven decision-making and aligning the organization's efforts toward driving adoption.
- ☐ Provided **technical guidance** and mentoring to different teams on best practices and standards for Azure solutions.



Microsoft

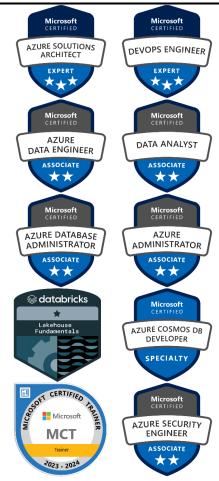
Cloud solutions Architect

London, UK 07/2019 – 05/2022

- Synthesized **customer feedback** to facilitate continuous product/services improvement in close co-operation with Product/Engineering teams.
- ☐ Worked with a customer on **modernizing** their application and helped them understand the various Azure services available for their **application migration**. Educated and trained the customer development team on **Cosmos DB**, helped them with writing SQL api queries and **performance optimization** of the database. As a result, this customer was able to optimize the cost of services running in Azure.
- □ Delivered series of workshops and sessions focusing on various Azure services. Delivered a session to their SLT team, where I helped them in understanding the capabilities of Azure Security Center via live demos. This has resulted in successfully setting up Azure security centre for customer's environments. Delivered sessions/workshops around ARM templates, IaaC, Azure DevOps, Azure SQL, Azure Data Studio and Azure cosmos DB to upskill their developers and get on board quickly.
- ☐ Worked with one of my customers in **automating their workloads** in Azure.
- Delivered series of workshops on 'Developing accessible applications'. This workshop helped customers understand what accessibility is and what it means in web and mobile application development. In this workshop, I created demos to show the common accessibility issues, various tools that can be used to identify the defects. I also created a hands-on lab exercise to practice fixing accessibility issues using web development tools.
- ☐ While working with one of the customers I delivered multiple sessions on PowerBI, Azure DevOps pipelines, security & permissions, Azure Data Factory, Azure SQL deployment. This has resulted in a successful Data factory orchestration for the customer. I took the product feedback from the customer and worked with our Engineering team in product enhancement.



Certifications





Skills

- ☐ Enterprise Application Architecture
- Cloud / Digital transformation
- Data transformation and migration
- □ Project Management
- Solution design
- □ Agile / Scrum
- Microsoft Azure cloud
- Sustainability cloud



Microsoft Consultant

Hyderabad, India 01/2016 – 07/2019

Lead the database team for a \$42M auditing application developed for one of
the leading audits, tax and advisory firm in London.
Improved SQL Database performance, which brought down the resource
consumption cost from \$16k /month to \$3.6k /month.
Designed a methodology of continuous migration which ensures the schema
changes made post-production release is appropriately versioned and
continuously migrated with daily builds.
Bring in the best minds to the organization via interviews conducted across the
country.



Aon Hewitt

Software Engineer

Gurgaon, India 08/2015 – 01/2016

- ☐ Developed a web application 'Hewitt Gateway' with a team of 50+ distributed across the globe.
- ☐ Led the activity of migration of applications from Windows Server 2003 to Windows Server 2008.



Icertis

Software Analyst

Pune, India 08/2012 – 07/2015

- Responsibilities included gathering customer requirement, architecting, developing and delivering solutions.
- Design, develop and deliver a web application 'Retail process automation', which streamlines the process of opening Microsoft stores.



Skills

- □ Azure Cloud□ Azure web/ compute□ Azure Store, Azure SQL, Cosmos DB
- ☐ Azure Data Factory
- ☐ Azure Synapse Analytics
- Azure Security and Monitoring
- ☐ Well-Architectured Framework
- ☐ Azure DevOps / Github
- ☐ Power Platform / PowerBl



Awards





Education

Bachelor of Engineering University of Pune 2008-2012