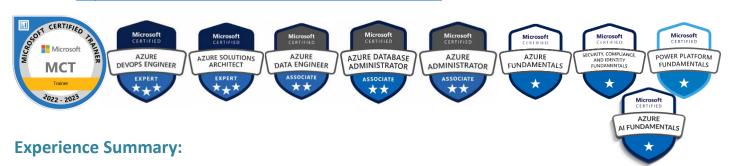# DEEKSHA SHARMA

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Experience Summary:

- As a Freelance Technology Trainer, have worked with **500+** Customers in helping them define their cloud strategy, solution design, cloud adoption, app modernization, and cloud migration. Performed knowledge transfer to their employees on cloud technologies (covered 200+ employees, 1000+ hours)

- Experienced Data Engineer with a demonstrated history of working in various roles in the data domain which includes requirement gathering, understanding, and developing the use cases for the business in IT & Analytics Industry for Marketing, Retail, and Banking Industry.

- Possessing around 7+ Years of overall IT Industry Experience as a Data Engineer with a strong emphasis on Cloud, ETL, Visualization, and Azure services.

- Experience on **Data Structure, ETL, Python**, **Azure** and its components Azure Data Factory, DataLake, Logic Apps, Eventhub, Stream Analytics job, Synapse, Azure SQL, Azure Databricks and ADLS.

- Experience on **Google cloud Platform** and its components Google Cloud, Cloud storage, data fusion, Google Big Query, Data flow, Data Spanner, Data Prep, Data Proc.

- Ability to understand data use cases and recommend standard business request transition into a Data-based ecosystem that runs on **Azure, Python, Data Factory, Azure Databricks, and ADLS.**

- Design Use case based architecture of data ingestion from Google cloud storage to Google big query with the help of data fusion, data prep & cloud SQL.

- Implemented complex solutions to handle and process the **Clickstream data** using **Eventhub, Stream Analytics job and Python**.

- Designing and building reusable components, frameworks, and libraries at scale to support analytics products & Troubleshoot complex data issues and perform root cause analysis to proactively resolve product issues

- Prepared content for **Microsoft dynamic 365** in Hindi & worked as **subject matter expert** for Hindi production supporting the **Microsoft Global Skills Initiative**

- Capable of processing large sets of structured, semi-structured, and unstructured data and supporting systems application architecture.

- Resolved defects/bugs, environmental issues during QA testing, pre-production, and production.

- Good knowledge of cloud technologies **Azure, Databricks, Data Lake, Data Factory, Logic Apps, Synapse, DevOps.**

- Collaboration with data scientists and data engineers to determine system requirements and deliverables

- Experience with Agile project delivery methodology and versioning using GIT, JIRA and Bitbucket. & Understanding/Implementation experience with CICD tools such as Jenkins, GitHub, and Bit bucket.

Experience Profile:

- **MCT**(**Microsoft Certified Trainer**) & conducting freelancing training on Azure Platform in corporates & public training or webinar for Multiple organization & MNC.
- **Corporate Trainer as freelancer** associated with **LTI, Cognizant, Deloitte, TCS, EXL, Accenture, Fractal, IIHT, NIIT, R-learning, CloudThat, Techcerv, DXC Technologies** on **Azure & GCP .**
- Conducting **Corporate training** on **Cloud Computing, DevOps, Data Warehouse, Data Engineering, Azure, Google Cloud Platform.**
- Working as Senior Consultant with **Mercedes Benz**.
- Working as freelancer with **PUMA international** as **Cloud Architecture**
- Worked as Software Engineer with **Accenture Solutions Pvt. Ltd.**
- Worked as Web Developer with **Digi Connect Technologies.**

Technical Expertise:

Database	:	Azure SQL, Synapse, Datawarehouse, DBMS, Snowflake, Cloud SQL
Programming Languages	:	C, C++,JAVA, HTML, Python, Spacy, Bicep, IaC , SQL
Scheduling Tools	:	Control-M, Autosys, Logic App
Development Tools	:	Azure Data Factory, Databricks, AWS Glue, Google BigQuery
Cloud Services	:	Microsoft Azure, Amazon Web Service (AWS), Google Cloud Platform(GCP)
Deployment Tool	:	CICD, Bicep, ARM Templates, Jenkins, Azure DevOps, Docker, GitHub, Bitbucket, JIRA
Others	:	SDLC, Agile, Waterfall, Confluence, Visio

Certifications:

- **MCT** : Microsoft Certified Trainer
- **AZ- 305** : Designing Microsoft Azure Infrastructure Solutions
- **AZ- 303** : Microsoft Azure Architect Technologies
- **DP-203** : Data Engineering on Microsoft Azure
- **DP-200 & DP-201** : Data engineer associate
- **AZ-400** : Designing and Implementing Microsoft DevOps Solutions
- **AZ-104** : Microsoft Azure Administrator
- **DP-300** : Azure Database Administrator Associate
- **PL-300:** Microsoft Power BI Data Analyst
- **PL-900**: Microsoft Power Platform Fundamentals
- **AI-900** : Microsoft Azure AI Fundamentals
- **AZ-900** : Microsoft Azure Fundamentals
- **SC-900:** Microsoft Security, Compliance, and Identity Fundamentals
- **Google cloud Foundational certification**
- 3 month **GFT** (Green Field Training) in **Accenture** on ETL tools (Informatica Power Centre and QlikView/ Tableau).
- Awarded for future ready skill **ACE** award from Accenture Technology.
- Summer Internship at **BHARTI AIRTEL Pvt. Ltd** (May 2016- July 2016).study about networking in communication and GSM architecture. Develop a project on call flow.

Academic Profile:
- Pursuing **M.Tech** with **Data Science & Engineering** from BITS Pilani

- **B.Tech** with **Computer Science & Engineering** from JECRC Collage(RTU).

FREELANCING WORK EXPERIENCE:

MCT : Microsoft certified training program

- Conducted multiple training as authorized Microsoft learning partner for **LTI, Cognizant, Deloitte, TCS, EXL, Accenture, Fractal, IIHT, NIIT, R-learning, CloudThat, Techcerv, DXC Technologies**
- Successfully conducted **20+ interactive** batches with international students on Implement **Azure BI Course & Data Engineering solution on Microsoft Azure for DP-203,**
- **Successfully conducted 20+ batched on GCP for Google cloud Foundational certification & Google cloud Professional certification for Data engineer.**
- Organized interactive Trainings for Azure fundamental **Az-900, Azure Data fundamental DP-900, Data engineering DP203, Azure Devops, GCP, Google cloud Foundational certification & Google cloud Professional certification for Data engineer, AZ104, AZ305, AZ500, PL900, AI900, DP300.**
- Conducted interactive session with students for different cloud platform.
- Organized seminar or corporate trainings for various cloud platform.
- Provide hands on experience on labs as per course demand.
- Student counselling & consultation for choosing right career path.
- Mentor IT professional, trainee, or students for cloud domain

Organization: Contract or hour basis
Role: Freelancer

- Prepared content for **Microsoft dynamic 365** in Hindi & worked as **subject matter expert** for Hindi production supporting the **Microsoft Global Skills Initiative**
- Invited as expert speaker for the **30 day 30 Expert Series** by **Azure Developer Community India**.
- Worked as freelancer for **PUMA international** for **Azure & GCP** environment setup for **Europe Region**.
- Worked as freelancer for USA based healthcare client for azure consultation & architecture designing.
- Design Resume parser program using spacy & python for extracting candidate details from resume like name, education, contact details, organization, skills.
- Worked on Doccano & prodigy for training data.
- Create & publish case studies on azure services for multiple organization.

PROFESSIONAL WORK EXPERIENCE:

Organization: Mercedes Benz

Role: Senior Consultant
- Design architecture for migrating data from different sources to azure platform and implement the solutions using ADF, data bricks, Synapse Data warehouse and azure data lake.
- Capable of processing large sets of structured, semi-structured, and unstructured data and supporting systems application architecture.
- Experienced in building and operationalizing large-scale enterprise data solutions and applications using one or more of Azure data services in combination with custom solutions Azure Data Lake.
- Working on Data migration from data lake to Synapse DW project using ETL tools.
- Setup central data lake which is shared with multiple marketplaces within organization
- Design On premises migration diagram using visio.
- PoC on Bicep for deploying resource using IaC with Azure Devops CI CD pipeline
- POC on ACL for restrict access at file system or directory level.
- Setup Key vault secret for pass on through the credential for setting up connection between resources.
- Setup IaC, Admin group to restrict permission on set of user.
- Design Data factory pipeline for moving data on premises to azure platform with multiple activities & file format conversion.

- Involved in loading and transforming large sets of Structured, Semi-Structured, and Unstructured data and analysed them.
- Setup ADF pipeline for executing ADB notebook for copy data from one environment to another environment.
- Design ADF pipeline for onboarding data from API or SharePoint to data lake.
- Design workflow in logic app for triggering SQL Query & store result in ADLS in csv format.

Organization: ACCENTURE SOLUTIONS PVT. LTD

Role: Software Engineering Analyst

- Responsible to collect the Business requirements, identify the Business Constraints and design a solution. • Worked on Snowflake for data processing from Azure platform to snowflake using azure stream analytics, EventHub, data lake.
- Create external table using parameterize value in Serverless Apche spark pool synapse.
- Experienced in building and operationalizing large-scale enterprise data solutions and applications using one or more of Azure data services in combination with custom solutions Azure Data Lake.
- Onboard real time streaming data from stream analytics to azure platform using EventHub & stream analytics job & create streaming dashboard using PowerBI
- Collaboration with data scientists and data engineers to determine system requirements and deliverables.
- Azure environment infrastructure setup for moving data from SQL & hive to Microsoft Azure cloud 2.0 using azure DevOps & Terraform.
- Design interfaces for Data processing and schedule them with the control-M.
- Design ETL jobs using informatica power center and Talend for data processing from different environment
- Design Autosys jobs for Data processing.
- Build Azure end to end pipeline on different environment for moving data from source to destination with transformation using ADF, Data bricks, data explorer.
- Design data factory pipeline to setup incremental load data while onboarding data into Database
- Design data factory pipeline for implementing Slowly changing dimension
- Design data factory pipeline for file format conversion & moving data into different serving layer in datalake

Organization: DIGI CONNECT ONLINE SERVICES PVT. LTD

Role: Web Developer & social media manger

- Design Website as per customer requirement & host website on server for go live.
- Maintained website & update changes if required on website.
- Maintain customer social media account for promoting their brand & product
- Design banner & posts for client as per product & requirement using photoshop for website & social media • Maintain customer relationship for monthly or yearly revenue.
- Develop & maintain social media pages for client for promoting their brand.

Rewards & Achievements: -
- Published research paper in BICON 2015.
- Participate in BICON 2013, BICON 2014.
- Rewarded as KALPNA CHAWLA Scholarship award 2013.
- Secured 1st position in state level Slogan Competition 2012
- Received the Certificate of International Year of Chemistry Essay Writing and Cash Prize of Rs. 300 by CBSE for securing 2nd position in class Xl
- Participated in the Inspire camp during 22-26 NOV, 2011 at Center Development of Physics Education, University of Rajasthan.
- Received the Certificate of Merit in Sanskriti Gyan Pariksha 2010 for securing 91%.

Extra-Curricular Activities :-

- Represent World Trade Centre on inauguration as a volunteer in Aug 2016.
- Certified for organize events on Engineers Day Techno-Zeron as Event head2015.
- Secured 3rd position in FACE PAINTING competition 2013 & Secured 1st Position in state level BASEBALL competition 2009.
- Participate in Talent Hunt Program PRAGY 2013.
- Participate in State Level School Competition EARTH 2012
- Won GOLD Medal in LONG JUMP and BROZE Medal in RELAY RACE 2011-2012
- Secured 2nd Rank in state level JUDO competition 2010 and 1st Rank in district level JUDO competition 2010

Sample Work :

Webinar & Demo Video:
- ✓ https://www.youtube.com/watch?v=NMmjwgMb2kQ&t=4800s
- ✓ https://www.youtube.com/watch?v=c6wEVqTkVPw
- ✓ https://www.youtube.com/watch?v=xh1p7R0P_U8

Clients :