Mujahed H.

(AI/ML Big Data Cloud Architect Trainer)

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As an experienced data platform architect and training professional with over 22 years of experience in online, onsite, and corporate training, I have developed a strong proficiency in analyzing and interpreting large and complex data sets. My ability to discover valuable patterns enables me to provide insightful answers to business questions and identify new opportunities. I am skilled in leveraging machine learning algorithms, cloud computing, visualization, and big data environments to make bold, data-driven decisions. My passion for teaching and training has allowed me to deliver high-quality training sessions that inspire and empower learners to achieve their goals.

SUMMARY

- Passionate about design data architect & crunching System.
- Excellent leadership and organizational skills
- Strong architecture, analytical and logical reasoning
- Able to work in deadline-oriented environment
- Designing, implementing, and managing cloud-based big data solutions enables me to impart practical, hands-on knowledge to learners.
- A strong believer in cutting edge technology and providing smart solution.
- Logically optimized solution through coding and implementation.
- Diligent team player with sound analytical skills of self-defining performance parameters
- Ability to objectively evaluate results.

SKILLS

Programming:
Python (From basics to Advance), Java (Complete Core and Advance Java), MS.Net (VB.Net, C#.Net), Node.JS, PowerShell, Linux Shell Scripting, JSON, YAML, XML.

Scala & R:
Classes & Objects, Language Specifications, Closures, Collections, Traits, Patterns, RegEx, Extractors, File IO, Packages, OOPs, Params Types, Exceptions, Map, Annotations, Options, Evaluations, Streaming, Serializations, etc.

Core Machine Learning:
Math & Statistics:
Linear Algebra, derivatives and gradients, distributions and hypothesis testing.
Data Processing & Feature Engineering:
Handling missing data and outliers, Feature selection and extractions, Normalization, Scaling of features.
Supervised Algorithms:
Linear Regression, Logistic Regression, Decision Tree, Random Forests, SVM(Support Vector Machine), Naïve Bayes Classifiers, KNN(K-Nearest Neighbors).
Unsupervised Algorithms:
Clustering (K-Means, Hierarchical Clustering), Dimensionality reduction Techniques (PCA- Principal Component Analysis, t-SNE)

Machine Learning:
Supervised and Unsupervised Learning, .

SQL & PL/SQL:
SQL, DML, DDL, SQL Operators, Joins, Sub Queries, Trigger, Cursor, Exceptions, Functions, procedures, Indexes, Sequences, Views & Others Database Objects.

Multi Cloud Technologies:

    AWS

        Compute: EC2, Elastic Load Balancer, Elastic Beanstalk, Lambda, ECS and EKS.

        Storage: EBS, S3, Glacier, EFS, Instance Store, Storage Gateway.

        Management: CloudFormation, CloudWatch, Cloud Trial, AWS Auto Scaling.

        Networking: VPC, API Gateway, IAM, Security Group, Route53.

        Data platform: SQL-RDS, NoSQL-DynamoDB, AWS Glue (ETL), AWS Snowflake, AWS Redshift (Data warehouse).

        Machine Learning: Translate, SageMaker, Comprehend, Lex, Polly, Rekognition.

        Analytics: Athena, Big Data, EMR (Hadoop, Spark), Kinesis, Quick Sight (BI).

        Development: CodeCommit, CodePipeline, Cloud9.

        Others: AWS Amplify, SNS, SQS and Step Functions.

    Azure:

        Compute: Virtual Machine.

        Storage: Blob Storage.

        Big Data: HDInsight, Data Bricks.

        Migration: On-Prem to Azure migration, Data Migration Service, Server & Database Migration, SQL Server Azure to Azure Multi Account migration.

        Big Data: HDInsight, Data Bricks.

        Azure DevOps(VSTS): Azure Boards(Kanban boards), Azure Pipeline(Kubernetes, YAML), Azure Repo(Repo & Github), Azure Test Plans, Azure Artifacts and also deployed Complete End to end Application in Python.

        Other Services: Microsoft IIS, Virtual Net (VNet), IAM (Identity and Service Providers), PaaS Services, Azure Active Directory, SSO, OAuth, MFA-Multi Factor Authentication, Directory Service, Domains, Client as a Windows 10 Machine.

Tele Cloud (Twilio):

        Functions (Server less Computing), Autopilot, Task Router, Programmable SMS, Twilio API for social media (WhatsApp, Facebook, Google Assistant), Twilio Studio and Programmable Voice.

Search Index Database: Elastic Search, Logstash, Kibana.

Containerization: Docker, AWS ECS, Docker Compose, ECR, Docker Hub, Docker-Swarm.

Big Data Ecosystem:

    1. Hadoop (Apache-MapReduce, HDFS, Cloudera)

    2.Spark (Core, PySpark, SQL Spark, Scala Spark),

    3.Databricks (Architecture E2, Runtime, Delta Lake house & Engine, MLFlow)

    4.Other BigData Eco Sys (Apache Kafka, HBase, Hive, Cassandra)

Microsoft Power Platform:

    Power BI, Power Automate (Adv. AI Builder, data Connectors, Data verse), Power Apps

ETL & Integrations: Talend, ETL, Data warehouse, MSBI, Business Integration (BI) & Its Testing.

Database: MySQL, MS SQL Server, Oracle, SQLite, RDS, HBase, PostgreSQL, DynamoDB.

Tools: Cloudera Manager, Ambari, StreamSets.

REST API Tools: Postman, JSon, XML, XSLT, XSD.

OS: UNIX, Linux (CentOS, RedHat, Ubuntu), Mac, Windows.

CORPORATE TRAINING EXPERIENCE

Client: NSE
Technologies:
- AWS Databricks
- AWS Kinesis & Lambda
- AWS EMR

- AWS EC2 Deployment with Spark

Client: ITC
Technologies:
- Big Data (Hadoop, Kafka)
- Big Data (Python & Scala with Apache Spark)
- Advance Snowflake (Lateral)
- Apache Spark (Core, PySpark, SQL Spark, MLLib) & Databricks
- SSIS, SSRS, SSAS & SQL Server

Client: Cognizant
Technologies:
- Microsoft PowerBI
- Microsoft SQL Server
- Microsoft Power Platform
- Data warehouse & AWS Snowflake

Client: Capgemini
Technologies:
- Virtual Cloud Server (Unix, Linux & Windows) Servers
- Advance AWS Cloud Computing (Lambda)
- AWS Glue (ETL), AWS Redshift (Data Warehouse)
- AWS Quick Sight (BI Tool)
- ELK Training on Cloud (AWS)

Client: John Deere
Technologies:
- Microsoft Azure Cloud Architecture
- Cloud Data Platform for Data Scientist and Engineers
- Apache Spark & Hadoop
- Ecosystem of Hadoop & Spark
- Microsoft Azure Databricks

Client: Zensar (Induction Level for BVW, VPBIET, KJC, CMR, Orchid & Sandip Foundation)
Technologies:
- AWS Cloud Practitioner Training
- SysOps AWS Training
- For Zensor Fresher's & Experienced Employees.
- Linux, UNIX, SQL and PL/SQL.
- Java Programming (Complete Core Java & Advance Java)
- MS.Net (Full Stack, Web API, MVC, ASP.Net)

Client: Vendor-IIHT (Client- Hexaware, Omani, Cognizant)
Onsite/Online: Training (Chennai, Hyd, Bangalore, Mumbai)
Technologies:
- MS SQL Server, SSRS & SSIS.
- Docker, Kubernetes & AWS.
- Azure (Administration, Development & Solution Architect)
- Data Integrations, MS BI, Testing & Talend

RETAIL TRAINING EXPERIENCE

Client: Edureka
Technologies:
- AWS Certification Solution Architecture.
- Training for working professional.
- Python Programming for Data Engineers & Architecture
- Apache Spark (PySpark, SQL Spark).
- Shell & PowerShell Scripting, Python Programming

Client: Sunbeam (CDAC) (Courses- DAC, DESD, DBDA)
Technologies:
- Big Data Platform (Hadoop, Data Bricks, Spark)
- Data Warehousing (Cloud-AWS, Microsoft Azure)
- ETL, Talend, Data Integrations, SQL, PL/SQL.
- BI for Testing

Client: APG Learning (Pune)
Technologies:
- Software Engineering
- Agile Methodology
- Azure Administrator
- Software Testing
- Elasticsearch Kibana, Logstash

EDUCATION

- M.C.A (3 Year Post Graduation) – 1stClass, Zakaria Institute of Technology (ZITs)- Dr. BAMU
- B.C.S (Computer Science)– 1stClass, Tom Patrick Information Technology (TPICIT) - Dr. BAMU

PERSONAL DETAILS

Name   : Mujahed Hussaini
Passport   : Indian
Languages Known : English, Hindi, Marathi, Arabic and Urdu.