ADEEL MALIK

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OBJECTIVE

With having a diverse expertise in Latest Technologies of Development as well as Deployment of IT & Telecom Sector, seeking to be a Part of Reputed Organization and became a Partner in achieving Company Goals

CERTIFICATIONs

Huawei Certified ICT Associate – Cloud Computing
Certificate Number: 010100802623807662891409

Cisco Certified Network Professional – Switch (CCNP)
Cisco ID: CSCO12670801

Cisco Certified Network Associate (CCNA)
Cisco ID: CSCO12670801

EDUCATION AND QUALIFICATION:

B.E in Electrical (Telecommunication)   **2009-2013**
National University of Science and Technology, (NUST)

DEVELOPMENT EXPERIENCE:

- **Cloud ERP (On Going)**
    - Backend Stack is deployed by using AWS CDK on Amazon Web Services
    - Cockroach Relational Database, VPC, EC2, Eventbridge, IAM, lambda, Appsync for Graphql APIs used to build Backend Architecture
    - Graphql Schema has been written to define Graphql Queries and mutations as Graphql used as Data API
    - React used as a frontend and React Native used for Mobile Application UI/UX

- **Cloud IMS for Internet Service Provider (On Going)**
    - Backend Stack is deployed by using AWS CDK on Amazon Web Services
    - MySql Relational Database Instance, VPC, EC2, Eventbridge, IAM, lambda, Appsync for Graphql APIs used to build Backend Architecture
    - Graphql Schema has been written to define Graphql Queries and mutations as Graphql used as Data API
    - Gatsby used as a frontend and React Native used for Mobile Application UI/UX
    - Github url: https://github.com/adeelmalik1988/digitalplus-internet-services-MIS

- **Dining by Friends SAAS API**
  - Backend Stack is deployed by using AWS CDK on Amazon Web Services
  - Neptune Graph Database Instance, VPC, EC2, Eventbridge, IAM, lambda, Appsync are the AWS Services that are used in this project
  - Gremlin language is use to populate data on Neptune Graph Database
  - Graphql Schema has been written to define Graphql Queries and mutations
  - Github url: https://github.com/adeelmalik1988/diningByFriends15a

- **Virtual Lolly**
  - Backend Stack is deployed by using AWS CDK on Amazon Web Services
  - AWS CloudFront, Gatsby, GraphQL/AWS AppSync, DynamoDB used in Backend
  - Graphql Schema has been written to define Graphql Queries and mutations
  - Frontend is developed in Gatsby and deployed on AWS by using CloudFront
  - For CICD, AWS Codepipeline and AWS CodeBuild is used in both frontend and backend
  - url: https://github.com/adeelmalik1988/eventbridge-awscdk-virtual-lolly-14C

- **Asynchronous Pet Theory System**
  - Backend Stack is deployed by using AWS CDK on Amazon Web Services
  - Eventbridge, IAM, lambda, SNS, SES, Appsync are the AWS Services that are used in this project
  - Graphql Schema has been written to define Graphql Queries and mutations
  - Github url: https://github.com/adeelmalik1988/eventbridge-petTheory-14D

TELECOM PROJECT DEPLOYMENT:

- **Deployment of NFV Based MONE SMSC**
  - Software Commissioning of Cloud Computing, Cloud Database and Cloud Network resource based on Huawei NFV based Platform to prepare NFV layer (MANO, NFVI and VIM) and VMs for MONE SMSC
  - Interconnectivity of Cloud MONE SMSC with Jazz Core Network on SIGTRAN, Charging System on Diameter and Antispamming on SMPP Protocol
  - Commercial Cutover Traffic of VLR Migration on SMCAPP and LA Migration on Service Proxy after successful Completion of Acceptance Testing
- **Google Global Cache Deployment**
  - Equipment installation & Commissioning, connectivity with Google by using BGP
  - Internet Connectivity to make GGC Servers accessible to Google over the internet
  - Detailed Testing of Google Cache and Commercial Traffic Cutover
- **Facebook Network Appliance Deployment**
  - Equipment installation, Commissioning, IP Connectivity with FB by using BGP
  - Internet Connectivity and accessibility of FNA Servers to Facebook
  - Detailed Testing of Facebook Network Appliance and Commercial Cutover

PROFESSIONAL EXPERIENCE:

PANACLOUD Pvt. Ltd (Remote Job)
Full Stack Serverless Multi-Tenant SaaS Developer | Product: Panacloud Platform (Centralized based on AWS + Decentralized App based on Ethereum)

ZONG 4G (OCT 2021 - PRESENT)
Sr. Executive PS Performance Management | Products: SMSC, Firewall

HUAWEI Technologies (SEP 2017 - SEP2021)
VAS Engineer | Customer Group: Jazz | Main Product: NFV MOne SMSC

ZONG 4G (OCT 2013 - SEP 2017)
Sr. Officer VAS and PS Core Implementation (MAR 2013 - SEP 2017)

TRAINING & WORKSHOPS:

- 01x Year Training on **PIAIC Cloud Native Computing 2.0**
- 0.5x Year Bootcamp on **Modern Full Stack Serverless Multi-Tenant SaaS Apps and APIs Development** in 2020
- 01x Week Training on **EPC Core Signaling & Traffic Analysis by Exuberant**
- 02x Days Workshop on **Mastering the Corporate Acumen** held in April 2014

TECHNICAL SKILL SET:

Better Understanding of Network Layered Protocols & Different Architectures including:
Cloud Native Computing 2.0, Routing & Switching (Professional level), SIGTRAN, TCP/IP Protocol, SMPP Protocol, Docker Containers, Kubernetes Orchestration, BlockChain, JAMStack
Tools: **VS Code, Remix, Wireshark, Expo**
Languages: **Gremlin, Shell (Linux), Solidity, AWS CDK, MYSQL, Postgresql**
Frontend: **Javascript, Typescript, React, Gatsby, React Native**
API Integration: **REST APIs, GraphQL APIs**
Backend: **AWS via CDK, Node.js, Netlify**
CICD: **Github Actions, AWS Codepipeline & AWS Code Build**
Testing Suits: **Storybook6, React Testing library & JEST, Truffle Suite**
Databases: **AWS Neptune Graph Database, AWS DynamoDB, FaunaDB, MongoDB,AWS RDS(Mysql), CockrochDB(postgresql)**
Operating System: **SUSE Linux, Windows, Ubuntu Linux**
Office Suite: MS Office Excel, Word, Power Point
Excellent Communication and Management Skills

AWARDS AND APPRECIATIONS:

- Innovation Team Award for Digital Transformation towards Cloudification 2021
- Huawei Best HRO Engineer Award 2018
- Appreciation Award for Best Knowledge sharing 2018
- CEO Mid-Year Excellence Cash Award at CMPak –2017
- Champion of the Month at CMPak –Dec 2014

EXTRA CURRICULAR ACTIVITIES:

- Manager Entertainment of Telecom Society at MCS, NUST (2013)
- Participation in Multiple Teams of Cricket, Football, Basketball