ADEEL MALIK

Cell No: +92 315 1020319
Postal Address: H # 109, St # 65, I-10/1 Islamabad, Pakistan
GitHub ID: https://github.com/adeelmalik1988
Email ID: adeelmalik1988@gmail.com
Portfolio: https://adeel-malik-portfolio.netlify.app

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

Cloud Native and Mobile Web Computing (CNC)
Certificate: https://certification.piaic.org/PIAIC55775/

Huawei Certified ICT Associate – Cloud Computing
Certificate Number: 010100802623807662891409

EDUCATION AND QUALIFICATION:

Certified Web 3.0 and Metaverse Developer (WMD)	**2022-PRESENT**
Presidential Initiative for Artificial Intelligence & Computing, (PIAIC)	
BLOCKCHAIN	**2022-PRESENT**
Presidential Initiative for Artificial Intelligence & Computing, (PIAIC)	
Cloud Native and Mobile Web Computing (CNC)	**2019-2022**
Presidential Initiative for Artificial Intelligence & Computing, (PIAIC)	
B.E in Electrical (Telecommunication)	**2009-2013**
National University of Science and Technology, (NUST)	

DEVELOPMENT EXPERIENCE:

- **Multi-Tenant Cloud Management System (On Going)**
  - Backend Stack is deployed by using AWS CDK on Amazon Web Services
  - Serverless CockroachDB(PostgreSQL), Eventbridge, Lambda, SQS and Appsync for Graphql APIs used to build Backend Architecture
  - Schema written to define Graphql Queries/mutations as Graphql used as Data API
  - React Typescript for Web and React Native used for Mobile Application UI/UX
  - Code:https://github.com/adeelmalik1988/cloud-integrated-management-system
  - Demo: https://ims-cloud-aws.netlify.app/

- **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
  - Code: https://github.com/adeelmalik1988/diningByFriends15a

- **Virtual Lolly - JAMSTACK**
  - 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 used in frontend and backend
  - Code: https://github.com/adeelmalik1988/eventbridge-awscdk-virtual-lolly-14C
  - Demo: https://virtual-lolly-adeelmalik.netlify.app/

- **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 used
  - Graphql Schema has been written to define Graphql Queries and mutations
  - Code: https://github.com/adeelmalik1988/eventbridge-petTheory-14D

- **Quiz Game - Progressive Web App**
  - React Typescript, Lotties files and Bootstrap Lib used for Beautification of UI/UX
  - Installable PWA on Android and IOS with Offline Availability Feature
  - Host on Firebase so Push Notification Feature Embedded
  - Code: https://github.com/adeelmalik1988/quiz-app-pwa
  - Demo: https://quizapppwa.web.app/

- **Expense Tracker - Progressive Web App**
  - Frontend is on React Typescript, Material UI Lib used for Beautification of UI/UX
  - Insallable PWA on Android and IOS with Offline Availability Feature
  - Host on Firebase so Push Notification Feature Embedded
  - Code: https://github.com/adeelmalik1988/expense-tracker-pwa
  - Demo: https://expense-tracker-74b33.web.app/

- **Expense Tracker - Progressive Web App**
  - Frontent is on React Typescript, Material UI Lib used for Beautification of UI/UX
  - Insallable PWA on Andriod and IOS with Offline Availability Feature
  - Host on Firebase so Push Notification Feature Embedded
  - Code: https://github.com/adeelmalik1988/expense-tracker-pwa
  - Demo: https://expense-tracker-74b33.web.app/

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)

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**
- **Modern Full Stack Serverless Multi-Tenant SaaS Apps and APIs Development**
- 01x Week Training on **EPC Core Signaling & Traffic Analysis by Exuberant**

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 and 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

EXTRA CURRICULAR ACTIVITIES:

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