

# Muhammad Umair Riaz

**Nationality:** Pakistani **Date of birth:** 25/12/1996  **Phone number:** (+92) 3214128378

 **Email address:** [ranaumair604@gmail.com](mailto:ranaumair604@gmail.com)

 **Home:** TIP Phase 3, 54700 Lahore (Pakistan)

## WORK EXPERIENCE

---

### Site Reliability Engineer

**12iD AB** [ 15/10/2022 – Current ]

**City:** Stockholm | **Country:** Sweden

- Deploying Production Stack on EKS on AWS
- Using AKS for load and stress testing.
- Automating Deployment with Terraform as an IAAC
- Using Ansible as a provisioning tool
- Using AWS Pipeline with DroneCI for continuous integration and deployment
- Using Docker Scout and Synk to Scan for scanning images for security
- Using SonarQube to scan code quality and security
- Using LENS to manage multiple Kubernetes Clusters.
- Deploy Staging and Development stack on GCP
- Using Cloud build for application deployment, Secret Manager to store secrets
- Using GCS and S3 as a Storage bucket.
- Using Grafana, Prometheus & Loki for Monitoring and Logging in K8s.
- Deployed application Used RHEL and Ubuntu (on-prem) using docker-compose

### Cloud DevOps Engineer

**Falcon-i** [ 15/10/2021 – 30/04/2024 ]

**City:** Karachi | **Country:** Pakistan

- Used Docker to Containerize Applications
- Deployed pipelines with AWS
- Automate Deployment with Terraform as an IAAC
- Used Ansible as a provisioning tool
- Used AWS Kubernetes(EKS) for deploying Microservices
- Used Jenkins to Automate Deployment of Staging Stack
- Used Docker Swarm to Deploy Staging Stack
- Automated AWS Services with Terraform
- Worked on Reactjs for handling
- Worked on Sailsjs(NodeJS framework) with MYSQL.
- Agile with JIRA and DevOps Culture

### AWS Cloud Architect

**Exponento (pvt) Ltd** [ 23/12/2019 – 14/09/2022 ]

**City:** Lahore | **Country:** Pakistan

- Wrote AWS Lambda in Nodejs and used MongoDB with it.
- Deployed lambdas with Cloudformation(AWS) using SAM(Serverless Library)
- Worked as Full-time full-stack developer.
- Agile / Scrum and DevOps culture
- Used JIRA for ticket management.
- Developed 3 Products with React JS & TS
- Wrote a video renderer in Python with FFMpeg and python-ffmpeg(python library)

## EDUCATION AND TRAINING

---

### Bachelor of Science in Computer Sciences

**Lahore Garrison University** [ 21/09/2015 – 01/08/2019 ]

**City:** Lahore | **Country:** Pakistan | **Website:** <https://lgu.edu.pk>

## LANGUAGE SKILLS

---

**Mother tongue(s):** Urdu

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**

*Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user*

## DIGITAL SKILLS

---

Platform : AWS Cloud

## CERTIFICATIONS

---

### Certifications

- AWS Solution Architect Professional (X777Y2MDHE441HWR)

## TOOLS AND TECHNOLOGIES

---

### Platform Tools and Technologies

- AWS, GCP, Azure
- Linux, Unix(MacOs), Windows
- Blockchain, Hyperledger, Indy
- Kubernetes, Docker Swarm
- Docker
- Grafana, Prometheus, Loki
- NGINX, Caddy
- Github, Gitlab, Bitbucket
- Jenkins, DronCI, ArgoCD
- Python, Bash, Terraform
- NodeJs, Express, ReactJs
- Monolith, Microservices
- MONGO, MYSQL, MSSQL, POSTGRES, LogStash