

# Faizan Shah

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## EXPERIENCE

March 2021 – Present

### **Software Engineer (DevOps) | Strategic Systems International | Lahore | Pakistan**

- AWS Account Security (Setting up VPN)
- Containerizing Rails Application and Orchestrating in AWS ECS
- Creating pipelines for auto-deployments (Cloudformation/Terraform)
- Written terraform templates to provision architecture on AWS
- Planning, managing and implementing application deployments on AWS CLOUD
- Different architecture designs with the help of latest cloud services like
- VPC Networking ,ECS, Fargate, EC2, Lambda, ELB/ALB, CloudFront
- RDS, CloudWatch, ACM, S3, CloudFormation, IAM Roles and many more
- Setup monitoring using Prometheus and Grafana
- Ansible for configuring EC2s, like installing cloudwatch agent
- Setup Logging for ECS services using paper trail
- Managing SSL Certificates using Lets Encrypt certbot and AWS ACM
- Migrated PostgreSQL RDS into Amazon Redshift using AWS DMS
- Reduced Clients AWS bill by identifying and moving instances to EC2 Spot instances
- Setup and managed linux users on jumbox server
- Dynamic Cloudwatch Dashboard via Lambda functions, and custom alerting to discord
- Architecting new applications Infrastructure

November 2019 – February 2021

### **Software Engineer | Icommunix | Lahore | Pakistan**

- Primarily worked as a Cloud Back Engineer/Solution Architect
- AWS WAF approved Architecture from AWS solution architects

- Managing Contact Center Data/ Automating Data Transfers
  - Deployed the SaaS solution app to AWS Marketplace
  - Database management and server-less architecture
  - Lambda/RDS/S3/API-Gateway/Route53/Cloudfront/Kinesis/Amazon Connect
  - Template Writing (Cloudformation – YAML)
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## TECHNICAL SKILLS & TOOLS

**Programming Languages and Frameworks:** NodeJS, Python,C, React

**Tools and Libraries:** Bash scripting, terraform, Ansible, docker

**AWS Cloud:** EC2, ECS, VPC, Lambda, S3, ApiGateway, Cloudwatch, Route53, Cloudfront, Cloudformation, RDS, Load Balancers and more.

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## EDUCATION

Sept 2015 – Sept 2019

**Bachelor of Science in Computer Systems Engineering (CGPA 3.5)**

University of Engineering and Technology Peshawar, Pakistan

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## EXTRACURRICULAR ACTIVITIES

Sept 2018 – Sept 2019

**Computer Society UET Peshawar Chapter**

**Executive Member**

- Organized different tech competitions to ensure a competitive learning environment
- Was responsible for technical modules like Speed Programming and Speed Wiring

Sept 2017 – Sept 2018

**Coders Stack**

**Executive Member**

- Arranged different technical workshops for undergraduate students to develop their skills and polish their abilities by constructive ways to integrate technology.
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## LANGUAGES

English(Fluent), Urdu(Native), Pashto(Fluent), Punjabi(Fluent)