# FAISAL KHAN

## CONTACT

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## TECHNICAL SKILLS

**AWS Tools**: EC2, S3, IAM, Load Balancing, Auto Scaling, CloudWatch, SNS, VPC, RDS, ElasticBeanstalk, Amazon EBS, CloudFormation, Lambda, Route 53

**DevOps Tools**: Jenkins, Git, Maven, Sonar, Nexus, Docker, DockerSwarm, Nagios, Jira, VirtualBox, VMware, Minikube, Kubernetes, Terraform, Ansible

**ProgrammingLanguages**: Python, Java

**Configuration Management**: CloudFormation, Terraform, Ansible

**Version Control**: GitLab, Git, GitHub

**Operating Systems**: Linux **Web Development**: HTML, CSS, WordPress

**NetworkingSkill**:Networking (TCP/IP, DNS). OSI MODEL

## EDUCATION

SWATHI INSTITUTE OF TECHNOLOGY AND SCIENCES (2019–2023)

- BACHELOR'S IN COMPUTER SCIENCE ENGINEERING

PRESIDENCY JUNIOR COLLEGE (2017–2019)

- M.P.C.

## WORK EXPERIENCE

**AWS DevOps Intern** Full Stack Academy Dates: [Present]

- Assisted in the design, implementation, and maintenance of scalable cloud infrastructure using AWS EC2, S3, IAM, VPC, RDS, and CloudWatch.
- Automated deployment processes by building and maintaining CI/CD pipelines with Jenkins and Git to streamline testing and application deployment.
- Deployed and orchestrated applications in Docker containers and Kubernetes, improving application scalability and performance.
- Worked closely with the AWS team to resolve technical issues, focusing on system optimization and enhancing cloud application performance.
- Ensured security compliance by implementing IAM roles and security policies.

**Backend Process Associate** ICICI Lombard
Dates: [07/2024 ]

- Managed backend processes for the cancellation and refund of insurance policies, utilizing troubleshooting skills to improve client satisfaction.
- Collaborated with cross-functional teams to ensure efficient resolution of client concerns, demonstrating problem-solving and communication skills.

**International Voice Process Associate** JustSmart IT Solutions
Dates: 10-02-2023 – 09-12-2023

- Delivered customer support in an international voice process, collaborating with diverse teams to resolve client concerns and improve service delivery.

## CERTIFICATES

- Linux
- Cloud Computing using AWS
- DevOps
- Web Development using WordPress
- Diploma in Computers

# PROJECTS

**VPC Peering Configuration:**
- Configured Virtual Private Cloud (VPC) Peering between multiple VPCs to enable seamless communication. Improved cross-region communication
- latency by 30% through optimized configurations.

**CI/CD Automation for Static Websites**
- Designed and implemented Jenkins-based CI/CD pipelines to automate the deployment of static websites, reducing manual deployment time by 50%.

**Dockerized Website Deployment**
- Deployed and scaled two static websites using Docker containers and Docker Swarm for efficient, scalable hosting. Optimized container orchestration,
- improving hosting efficiency by 40%.

**Kubernetes Project: Deployed  Two Static Websites Using Custom Docker Images**
- Deployed and scaled two static websites using Kubernetes with custom Docker images, leveraging Deployments for management and NodePort
- services for external access, enhancing scalability and availability.

**Terraform Project: Deployed Static Website with EC2 Instances on AWS**

- Deployed a static website on AWS using Terraform, creating 3 EC2 instances for scalable infrastructure. Stored the state file in an S3 bucket for remote
- management and utilized variables for dynamic configuration.

## ADDITIONAL SKILLS

- Strong troubleshooting and problem-solving skills, particularly in cloud environments.
- Experience mentoring new team members and assisting with training sessions.
- Familiarity with writing technical documentation, guides, and how-to videos to support customer engagement.
- Passionate about continuous learning and improving customer support processes.