

Engr. Muhammad Saad

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Software Systems and DevOps Engineer
Currently working @ Xgrid.co
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ABOUT ME

Experienced DevOps Engineer with experience in automating, optimizing, and scaling infrastructure. Proven ability to deliver cost-effective and reliable solutions that meet the needs of demanding businesses. Expertise in Cloud Computing, Containerization, CI/CD, Infrastructure as Code, and Security.

EDUCATION

2018 - 2022

B.Sc (Software Engineering)

University of Engineering and Technology, Taxila

Grade: 3.39/4.00

Project: Bloom - An Accessible Educational Services Platform

2016 - 2018

Higher Secondary School Certificate (Pre-Engineering))

Pakistan International School Doha, Qatar

- Research Assistant Internship at **Qatar University**
- Participated in Science Competition

2009 - 2016

Secondary School Certificate (Pre-Engineering)

Pakistan International School Doha, Qatar

TECHNICAL SKILLS AND EXPERTISE

Python	AWS	GCP	Terraform	Automation
Scripting	Cloud Cost Optimization	Open-source	DevOps	SRE
Datadog	SumoLogic	MixPanel	Prometheus	Grafana
React.js	Node.js	MongoDB	Firebase	HTML

PROFESSIONAL EXPERIENCE

May 2022 - present

Software Systems and DevOps Engineer

Xgrid.co, Sunnyvale, California, USA (Remote)

- Led open-source cloud cost control product XC3
- Reduced costs and improved performance with automation and monitoring using Datadog, SumoLogic, and MixPanel (**30% reduction in costs**)
- Increased efficiency with automation and visualization
- Managed infrastructure with Terraform
- Followed SDLC lifecycle for all projects
- Created mind maps to improve collaboration
- Mentored and coached colleagues to achieve their goals
- Streamlined the hiring process and conducted interviews

Impact

- Reduced cloud costs by **30%**
- Increased **efficiency** and productivity with automation and visualization
- Improved team **collaboration** and knowledge sharing
- Helped colleagues achieve their goals and develop their skills

Aug 2017 - Aug 2017

Research Assistant Intern

The Center for Advanced Materials (CAM), Qatar University, Qatar (On-Site)

- Conducted research, developed hypotheses, and helped in collecting information for research papers.
- Operated on state of the art laboratory equipment.
- Collaborated with researchers to achieve common goals.

VOLUNTEER EXPERIENCE

Aug 2019 - Aug 2020

Technical and Cloud Lead

Google Developer Student Clubs, University of Engineering and Technology Taxila

- Core team member responsible for social media management, photography, ML teaching, and Google Cloud Platform (GCP) guidance
 - Delivered workshops on Google Cloud/ML and Actions on Google, and assisted in over 10-15 additional workshops
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CERTIFICATIONS

2022

Professional Cloud Developer

Google Cloud

- Design highly scalable, available, and reliable cloud-native applications
- Build and test applications
- Deploy applications
- Integrate Google Cloud services
- Manage deployed applications

2022

Associate Cloud Engineer

Google Cloud

- Set up a cloud solution environment
- Plan and configure a cloud solution
- Deploy and implement a cloud solution
- Ensure successful operation of a cloud solution
- Configure access and security