

MUHAMMAD SAAD

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OBJECTIVE

Senior DevOps Engineer with 2+ years of experience in automation and optimization. Proven ability to deliver impactful solutions and drive operational efficiency.

EDUCATION

Bachelor in Software Engineering, UET Taxila

2018 - 2022

SKILLS

BACK END

Python, Django, Express, Node.js, Rust

DevOps — SRE

Linux, Docker, K8s, AWS, GCP, Terraform, Prometheus, Grafana, Datadog

MISCELLANEOUS

HTML, CSS, MongoDB, Firebase, JavaScript

SOFT SKILLS

Team player, Bias for action, Deliver results

EXPERIENCE

Senior Software Engineer - DevOps/SRE

May 2022 - Present

Xgrid.co

Islamabad, PK

- Developed and led "XC3", a cloud cost control product that achieved a **25%** improvement in cloud operations efficiency.
- Delivered **30%** cost reduction for cloud environments by leveraging AWS, Python, and Terraform expertise.
- Implemented cost-saving strategies through XC3's recommendation system, empowering clients to optimize their cloud spend.
- Enhanced cloud infrastructure visibility by **50%** through innovative workflows within XC3.
- Developed custom Grafana dashboards with interactive functionalities using HTML, JavaScript, and API Gateway.
- Optimized production environment costs and efficiency by implementing **S3 Intelligent Tiering** in AWS.
- Successfully migrated entire production EC2 instances from **Linux1** to **Linux2** with zero downtime.
- Established robust monitoring and alerting mechanisms for seamless migration and ongoing infrastructure health.
- Implemented secure and reliable logging practices at the production level.
- Improved service level objectives (**SLOs**), visibility, and alerting for IoT-based cloud infrastructure.
- Identified and resolved underlying system issues, leading to a **20%** improvement in overall architectural behavior.
- Effectively collaborated with cross-functional teams during on-call support to refine processes and mechanisms.

PROJECTS

XC3 - An **open-source** cloud cost optimization product powered by Cloud Custodian ([Check it out](#))

Bloom - Created a social learning platform linking students and professionals for upskilling and collaboration. Developed resume and portfolio tools that boosted career readiness while vibrant online communities and events delivered valuable connections and growth. ([Try it here](#))

CERTIFICATIONS

- Solutions Architect Associate - AWS. [Link](#)
- Professional Cloud Developer - Google Cloud. [Link](#)
- Associate Cloud Engineer - Google Cloud. [Link](#)