

# Elio Tohme *SRE/DevOps Lead*

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📍 Berlin

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## Professional Experience

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10/2023 – present  
Berlin, Germany

### Engineering Manager InfraOps

*Moonfare* 📄

- Led the team in refactoring the CI/CD system to enhance efficiency and alignment with Moonfare's objectives.
- Managed SaaS systems independently, driving initiatives to adopt more open-source tools.
- Achieved significant cost optimization, reducing infrastructure expenses from \$140K to \$23K per month through strategic refactoring.
- Contributed to obtaining ISO 27002 certification, enhancing the organization's security posture.
- Improved SRE processes by removing unused logs, resulting in reduced costs for third-party monitoring tools.

12/2022 – 10/2023  
Berlin, Germany

### Senior DevOps Engineer

*Moonfare* 📄

- Spearheaded CI/CD and infrastructure management, enabling developers to replicate environments and conduct end-to-end testing, ensuring platform stability.
- Utilized Terraform/Terragrunt for infrastructure as code, enhancing deployment efficiency.
- Implemented NewRelic and Prometheus for robust observability, optimizing resource utilization and reducing infrastructure costs by 61%.

01/2022 – 12/2022  
Abu Dhabi,  
United Arab Emirates

### Staff DevOps Engineer

*Anghami* 📄

- Core senior member managing infrastructure handling over 19,000 requests per minute.
- Scaled Prometheus with Thanos to support 300+ microservices, aiding debugging and cost optimization.
- Implemented GitOps methodology for EKS cluster provisioning, reducing downtime by 23%.
- Developed Jenkins-x v3 pipeline, reducing bug rate by 38% and streamlining development processes.

05/2019 – 12/2021  
Abu Dhabi,  
United Arab Emirates

### Senior DevOps Engineer

*Anghami* 📄

- Migrated monolithic architecture to Kubernetes microservices, utilizing Istio and Jenkins-x v2.
- Implemented zero-trust architecture using Terraform, enhancing security and reducing development bottlenecks.
- Integrated Humio for log management, handling 272.06 million logs daily, improving observability.
- Developed event-based microservices using GoLang and Kinesis, managing 2,000 requests per second.
- Designed infrastructure service bots for cost reporting and alert management on Slack and Facebook Workchat.

06/2018 – 05/2019  
Beirut, Lebanon

### Senior Full Stack Developer

*Rawa TV* [↗](#)

- Led backend and web-frontend development, including streaming functionality using WOWZA and scalable socket-io with Redis sentinel.
- Managed mobile team collaboration, ensuring cross-platform synchronization and product requirement management.

05/2014 – 06/2018  
Beirut, Lebanon

### Co-Founder

*XMS Pro*

- Co-founded a startup developing a real-time video streaming app with 5,000 paid users.
- Integrated analytics to determine viewed channels using FFT, utilizing MongoDB, PostgresDB, and other technologies.
- The startup was later acquired by Suma Vision.

## Languages

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- English
- French
- Arabic

## Skills

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### Cloud

AWS, GCP

### Databases

Mysql, Postgres, MariaDB, RDS, Redis, Mongoddb

### Data Storage

Parquet, Json, CSV, S3, Google Cloud Storage

### Tools & Technologies

Kubernetes (EKS, Kind, K3s), Helm/Helmfile, Kubebuilder, Docker + Buildx, pulumi, Terraform/Terragrunt, RabbitMQ, SQS, Kinesis, kafka, Varnish, Nginx

### CI/CD

tekton, github actions, flux v2, argocd, argoworkflow, bazel

### Data Warehousing

Pinot, Clickhouse, Presto

### SRE Technologies

grafana (Alloy, Loki, Tempo), prometheus(Thanos + grafana Mimir), NewRelic, DataDog, VictoriaMetrics