

# Ibrahim Kabbash

ikabbash.com

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## SUMMARY

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DevOps Engineer with ~3 years of experience in Kubernetes, Docker, Azure, Linux, and CI/CD pipelines. Experienced in automation, monitoring, system reliability, scalability, incident management, AI, and security. Skilled in cross-team collaboration, resolving intricate system challenges, and devoted to continuous growth.

## SKILLS

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- **Containerization & Orchestration:** Docker, Kubernetes, Helm, Cilium
- **CI/CD Tools:** Azure DevOps, ArgoCD, GitLab CI, Jenkins
- **Cloud Platforms:** Azure, AWS, GCP
- **IaC & Configuration Management:** Terraform, Ansible
- **Monitoring & Observability:** Prometheus, Grafana, Loki, Sentry
- **Databases:** SQL Server, PostgreSQL, MySQL
- **Security:** Vault, Vulnerability Management, Container Security, Security Hardening
- **Programming & Scripting:** Python, Bash
- **Certifications:** Certified Kubernetes Security Specialist (CKS), Certified Kubernetes Administrator (CKA), GCP Certified Associate Cloud Engineer, Microsoft Certified Azure AI Fundamentals, AWS Cloud Practitioner

## EXPERIENCE

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- **eSpace** Alexandria, Egypt  
*Mid-Level DevOps Engineer* 02/2025 – Present
  - Led service orchestration for a UK AI startup, streamlining containerized workflows, scaling Apache Kafka and Kafka Connect for high-volume SIEM log processing, ensuring reliable inter-service communication, and managing vLLM-based model serving for consistent high-performance availability.
  - Provided direct support to developers and clients, recommended optimal technical approaches and enforced security best practices, driving reliable, secure software delivery; conducted root-cause analysis and implemented permanent fixes, reducing incident recurrence and boosting system resilience.
  - Integrated SIEM tools (e.g., Azure Sentinel, Splunk) with Apache Kafka using Fluentd, resolving complex ingestion challenges and establishing a centralized pipeline for delivering incidents and logs to downstream applications.
- *DevOps Engineer* 02/2023 – 01/2025
  - Implemented real-time monitoring with Prometheus, Grafana, Loki, and Sentry, integrating alerting to detect incidents earlier, reduce resolution time, and improve system reliability and visibility across environments.
  - Containerized and migrated legacy Ruby on Rails apps to Kubernetes, ensuring zero-downtime transitions, and implemented GitOps-based CI/CD pipelines with ArgoCD to automate deployments.
  - Achieved 35% cost savings by auditing Azure resources (VMs, SQL Databases, Storage Accounts), optimizing resource usage, right-sizing over-provisioned instances, and removing unused resources.
  - Managed and provisioned on-premise and AKS clusters for a .NET microservices app, deploying across multiple environments with Helm charts to accelerate and standardize environment creation, and configured SQL Server Always On Availability Groups for high availability and automatic failover.
- *DevOps Engineer Intern* 08/2022 – 10/2022
  - Provisioned AWS EC2s with Terraform, deployed and managed Kubernetes, Jenkins, PostgreSQL, and Dockerized two projects, improving deployment consistency and accelerating development workflows.

## EDUCATION

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- **Arab Academy for Science, Technology, and Maritime Transport** Alexandria, Egypt  
*Bachelor Degree in Computer Engineering* 09/2017 – 02/2023

## PROJECTS

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- **Topics Extractor:** LangChain script that extracts topics from video/audio transcript with GCP Cloud Run.
- **Survey Analyzer:** App for survey analysis using Azure Document Intelligence to extract text and Azure Language for sentiment analysis.