

Hady Wafa

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CERTIFICATIONS

Microsoft Azure (4x):

· [Azure DevOps Engineer Expert](#), [Azure Developer Associate](#), [Azure AI Engineer Associate](#), [Azure Administrator Associate](#)

Amazon Web Services (5x):

· [AWS Certified Solutions Architect – Associate](#), [AWS Certified Developer – Associate](#), [AWS Certified SysOps Administrator – Associate](#), [AWS Certified AI Practitioner](#), [AWS Certified Cloud Practitioner](#)

Linux Foundation (2x):

· [Certified Kubernetes Application Developer](#), [Certified Kubernetes Administrator](#)

HashiCorp

· [Terraform Associate \(003\)](#)

EXPERIENCE

Senior DevOps Engineer

Orchidatx

September 2025 – Present, Part Time

- Managed **Amazon EKS** clusters with IaC using **Terraform**.
- Implemented **GitOps** workflows via **Argo CD** for automated, multi-environment Kubernetes deployments.
- Configured **AWS RDS** with Multi-AZ for high availability and automated failover.
- Integrated security scanning and static code analysis in CI/CD pipelines using **GitHub Actions**.
- Architected **multi-tenant SaaS infrastructure** on AWS with secure networking and least privilege access.

Senior Cloud Software Engineer

Hadaf Solutions

May 2022 – May 2025, Hybrid

- **Modernized legacy applications** using Clean Architecture and Domain-Driven Design, improving maintainability and enabling scalable backend growth.
- Developed and deployed an **Identity Server** using **IdentityServer4**.
- **Owned and optimized CI/CD pipelines** in Azure DevOps, cutting build and release times by **80%**.
- Implemented observability stack with **Prometheus** and **Grafana**.
- **Mentored junior engineers**, performed code reviews, and participated in **on-call rotations** for production issue support.

Software Engineer – Full Stack

Hadaf Solutions

February 2022 – May 2022, Onsite

- Built scalable applications using **ASP.NET Core**, **GraphQL (backend)**, and **Angular (frontend)** to deliver responsive and data-rich client solutions.
- Designed and optimized GraphQL schemas for efficient data fetching and minimal server load.
- Integrated **SignalR** into ASP.NET MVC apps, enabling real-time communication and collaboration features.

Software Engineer – AEC

DOM Façade

October 2020 – November 2021, Onsite

- **Designed and implemented computational algorithms** for complex façade systems, improving accuracy in structural and architectural design workflows.
- Developed **custom C#/Python scripts and Grasshopper/Rhino components** to automate façade geometry generation and parametric design processes.
- Built **desktop applications with WPF and .NET** for BIM-driven solutions.

SKILLS

Programming & Frameworks: C#, Python, JavaScript/TypeScript, ASP.NET Core, Angular, React, GraphQL, Entity Framework Core

Backend & Architecture: REST APIs, Event-Driven Messaging (RabbitMQ, Signal R), Clean Architecture, Domain-Driven Design (DDD), Containerization (Docker, Compose)

Security & Identity: OAuth2, OpenID Connect, JWT, TLS, Azure RBAC, AWS IAM, Secrets Management,

Cloud Platforms: AWS Core Services, Microsoft Azure

CI/CD & Infrastructure as Code: Azure DevOps Pipelines, GitHub Actions, Terraform, Bicep, CloudFormation

Monitoring & Observability: Prometheus, Grafana, Log Management, Alerting Systems

AI Solution Skills: Prompt Engineering, RAG, Azure AI Services, Lang Chain, AI Agent, Semantic Kernel, A2A protocol, MCP,

EDUCATION

B.S in Engineering

Ain Shams University (ASU) · Egypt, Cairo · 2015 – 2020

Computer Science

Information Technology Institute's (ITI) · Egypt, Cairo · 2020 – 2021