

Ahmed Walid Ibrahim

DevSecOps Engineer | Secure CI/CD Pipelines | Oracle Cloud & Cybersecurity Expert

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Experience

Bibliotheca Alexandrina

Network Security & Systems Engineering Internship
Alexandria

September 2025 - September 2025

- Gained hands-on experience in enterprise data center operations, including server room infrastructure, single-mode and multi-mode fiber optic cabling, simplex and duplex configurations, and full-duplex fiber connectivity
- Worked with Cisco Unified Computing System (UCS) servers and blade infrastructure, developing understanding of enterprise level server architecture and management
- Configured and managed Fortigate 40F firewall, implementing network security policies, site-to-site VPN connections, static and dynamic routing protocols
- Administered multiple Cisco routing platforms including 1800 Series (Model 1841) and 800 Series (Model 888) routers for network connectivity and traffic management
- Configured Cisco 3560G Series PoE-48 network switch with advanced security features including MAC address sticky learning, port speed limiting, and security policy implementation
- Operated Cisco Firepower next-generation firewalls (Models 1010 and 4215) for advanced threat protection and network security
- Utilized MRemoteNG for centralized remote connection management and Symantec security solutions for endpoint protection
- Successfully deployed and configured wireless access points for network connectivity

InfoSysTech IST

DevSecOps-Focused .NET Full Stack Developer

July 2025 - August 2025

- Developed secure web applications integrating OWASP security practices
- Implemented automated security scanning in CI/CD pipelines using Docker and container security tools
- Designed secure database architectures with PostgreSQL encryption and access controls

Professional Certifications

Oracle Cloud Infrastructure DevOps Professional

Oracle

2025

Preparing

Oracle Cloud Infrastructure Foundations Associate

Oracle

2025

Docker Essentials

Oracle

Developing Secure Software

The Linux Foundation

2025

Fortinet Certified in CyberSecurity (FCF)

Fortinet

2025

Red Hat Certified System Administrator (RHCSA)

Information Technology Institute

2025

CCNA

Cisco

2024

CompTIA Linux+

CompTIA

2023

Education

Arab Academy for Science, Technology & Maritime Transport (AAST)

Cyber Security
Bachelor's in Computing and Information Technology
2022 - 2026

Egyptian English Language School (EELS) 2022

Skills

Version Control

Git & Github

Containerization

Docker & Podman

Container Orchestration

Kubernetes (K8s) & OpenShift

Operating Systems

Linux (Debian based, RHEL, Linux+ Concepts), Windows (Desktop/Server), BSD servers

Web Development

HTML/CSS, React.js, Angular & RESTful APIs (ASP.Net Core & FastAPI)

Databases

Oracle Database, PostgreSQL, Microsoft SQL Server

Programming

Python, Bash, Java/Kotlin, JavaFX, C/C++

Networking

OOBM, Routers and Firewalls (Cisco, Fortigate), pfSense with Snort

Security Tools & Cryptography

Postman, Metasploit Framework, Nmap, Wireshark, Splunk (SIEM)

Embedded Systems

Arduino, Raspberry Pi, STM32, ESP32, IoT Security

Projects

ShipmentForge

DevSecOps implementation featuring Angular frontend, .NET WebAPI backend, PostgreSQL database
2025

Walid PassAnalyzer

A modern, privacy-focused password strength analyzer built with React and the state of the art zxcvbn library
2025

☞ <https://ahmeddwalid.github.io/Walid-PassAnalyzer/>

Finjan

Modern design responsive Android coffee shop app implemented using Kotlin and Jetpack Compose

☞ <https://github.com/ahmeddwalid/Finjan>

Volunteering

Google Developers Group

Documentation Lead

August 2025 - Present

Arab Academy for Science, Technology & Maritime Transport

AAST Student Union Staff and Technical Lead

Jan 2025 - Present

IEEE

Member

January 2024

Languages

Arabic

Native

English

(C2) Fluent

French

A2

German

A2