

## WORK EXPERIENCE

**Gulf Business Machines — Infrastructure Security Engineer** | Abu Dhabi, UAE NOV 2024 – PRESENT

- Provided security solutions for **endpoint, network, servers and cloud email security** to customers including MBZ University of Artificial Intelligence, ICP, ADEK, ADJD etc.
- Collaborated with vendors to implement products such as **Trend Micro XDR/EDR and ASM, FortiSASE, BeyondTrust PRA, Cisco User Protection Suite** etc.
- Executed the major rollout on several projects, **managing up to 15,000 endpoints and servers**
- Followed entire project lifecycles from pre-sales to documentation and closure.

**BGC Group/Cantor Fitzgerald – Infrastructure (Technology) Intern, UNIX** | London, UK JULY 2024 – SEPT 2024

- Migrated observability stack to **scalable cloud-agnostic microservices on Red Hat OpenShift**
- Deployed **infrastructure and log management apps** - Prometheus, Promtail, Grafana, Loki, Mimir and OTel
- **Customized Docker images** to adhere to security standards and meet platform-specific requirements
- Introduced Kubernetes, Helm charts and OpenShift via **introductory demos to 15-20 team members**
- Worked alongside team to learn about **maintaining CentOS/Rocky Linux servers**
- Researched the **Java JMX Exporter** to instrument Java applications and expose their metrics
- Used **Nexus and Vault** for artifact and secret management
- Learnt about **PostgreSQL architecture, GitLab CI/CD and automation using Ansible AWX**

**Quantum Ventura — Cyber Security Intern** | Dubai, UAE JUNE 2022 – AUG 2022

- Worked with a team of 5 on the launch of an NDR/EDR product to monitor, detect and visualize threats
- Explored the intricacies of network layers and investigated a range of cyber threats
- Evaluated softwares such as Apache Flink, Kafka, Zeek and Elasticsearch
- Analyzed market segments to effectively position product within the competitive landscape
- Conceptualized 10-15 dashboard features such as different dashboards for IT admins and senior leadership

## CERTIFICATIONS

<b>AWS Certified Cloud Practitioner (CCP)</b>	OCT 2024
<b>Red Hat RHCSA Rapid Track Course (RH199)</b>	NOV 2024
<b>Fortinet Certified Fundamentals, Cybersecurity - (FCF)</b>	NOV 2024
<b>Certified Kubernetes Administrator (CKA) - In Progress</b>	EXPECTED: APR 2025

## EDUCATION

**University of Leeds – BSc Computer Science and Mathematics (Honors)** | Leeds, UK SEPT 2021 – JUNE 2024  
Relevant: OOP, Algorithms & Data Structures, AI, Numerical Computation, Databases

**GEMS Modern Academy – High School Diploma** | Dubai, UAE APR 2017 – SEPT 2021  
Relevant: Maths, Comp.Sci. - Java

## PROJECTS

**Proactive Autoscaling in Kubernetes** - Research project on Kubernetes strategies on Microsoft Azure  
**AI Presenter** - Spoke at the 'New Directions in AI' conference at SRM Institute before 150+ attendees  
**'Carpe Vitae Capital'** - Team of 3 built a web page using HTML/CSS, JavaScript to visualize financial assets  
**'Our Meraki'** - Created a platform to assist with animal adoption, designed the website with 200+ adoption listings  
**Data Mining** - Group research on 'Sentiment Analysis in the Fashion Industry' for an EPSRC proposal  
**Technical Skills** - Programming (Java, C, Python), Red Hat OpenShift, Microsoft Azure, Kubernetes, Docker