

Experience

Kuwait Oil Tankers Company — Marine Engineer (2012–2025)

- Led maintenance and operations on a fleet of 30 marine vessels, ensuring 100% compliance with SOLAS, MARPOL, and Class regulations while achieving 0 safety incidents over 3 years.
- Optimized mechanical systems (propulsion, hydraulics, fuel systems) through structured inspections and preventive maintenance, reducing unplanned downtime by 80% and extending engine lifespan.

KNET Company — Senior Network Security Administrator (2025- ~)

- Entrusted with safeguarding Kuwait's national payment infrastructure by actively monitoring, strengthening, and ensuring compliance of mission-critical financial networks against emerging cyber threats.

Projects

DevOps

- Architected a production-grade **Kubernetes cluster (k3s)** hosting 15, achieving 95.0% uptime over 2 years for 50+ users.
- Automated CI/CD pipelines (ArgoCD, GitHub Actions) for deployments, eliminating manual intervention.
- Monitoring key service health metrics like p99, uptime, and errors using CLI and ElasticSearch.

Development

- Delivered performant web apps in **TypeScript and Go** (Svelte, Astro, Pocketbase) with Lighthouse scores $\geq 95/100$ for SEO and accessibility.
- Advised Oont on a successful e-commerce migration to WooCommerce, cutting costs by 40% versus proprietary solutions.
- Modernized legacy workflows for clients by introducing Git/GitHub Actions, reducing deployment errors.

Cybersecurity

- Conducted **offensive security assessments** on lab environments (HTB, TryHackMe), exploiting Active Directory misconfigurations (Kerberoasting, Certificate forgery).
- Developed custom scripts (Bash, Python) to automate network scanning, vulnerability enumeration, and privilege escalation.
- Hardened personal infrastructure by implementing fail2ban, public/private key enforcement, and automated CVE scanning and patching.

Education

South Tyneside College — Marine Engineering HND (2012–2016)

2nd Engineer Certificate

Achievements

Engineering

- Successful delivery of Oil Tanker from Ulsan shipyard

Homelab

- Running and maintaining highly available and resilient kubernetes nodes
- Monitoring key service health metrics such as average response time, p99, error rates and uptime via multiple tools ranging from CLI to ElasticSearch

Hacking

- 🏆 First Place – Kuwait Hackathon 2024
- 🏆 First Place – Kuwait Leaderboard Hack The Box (Cybersecurity CTF)

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Profile

Dynamic Marine Engineer with over a decade of experience in marine engineering, project management, and team leadership. Skilled in communication, problem-solving, and working under pressure. Strong background in generator and main engine decarb, hydraulic systems, and welding. Known for initiative and critical thinking.

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- Driving innovative engineering solutions to maximize vessel performance, efficiency, and reliability.
- Applying advanced troubleshooting and analytical skills to swiftly resolve mechanical failures and technical challenges.
- Bringing over **12 years of hands-on engineering expertise**, driving operational excellence and innovation across high-stakes maritime environments.

Education

South Tyneside College — Marine Engineering HND (2012–2016)

3rd Engineer Certificate (CoC) 2017

2nd Engineer Certificate (CoC) 2021

Certifications

- Proficiency in Oil Tankers Advanced Training (Safety, IGS & COW)
- Proficiency of Security Awareness for Seafarers with Designated Duties
- Prevention and Combating of Marine Pollution
- Proficiency in Survival Crafts and Rescue Boats
- Personal Survival Techniques
- Personal Safety and Social Responsibilities
- Fire Prevention & Fire Fighting
- Medical First Aid
- High Voltage
- Engine Room Resource Management
- Advanced Fire Fighting

Achievements

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- 🏆 First Place – Kuwait Hackathon 2024

Skills

Project Management

Team Leadership

Risk Assessment

Safety Procedures

Marine Requirements

Hydraulic systems