Yassine Chihi

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Profile

I am a **software engineer** and a **cybersecurity enthusiast**, seeking a **junior-level role** to further develop my skills and make a meaningful impact.

Work Experience

INSTACODIN   10/2024 – present
DevOps/Backend Engineer   Monastir, Tunisia

Contributed to building scalable, maintainable backend systems and DevOps infrastructure in a fast-paced startup environment focused on rapid feature delivery.

- Designed and implemented backend microservices using Node.js, NestJs, Postgres, and SurrealDB, delivering RESTful APIs and real-time communication, supporting growing product requirements and reducing latency.
- Deployed and managed services on lightweight Kubernetes (K3s) clusters using Helm charts, leveraging Traefik for smart ingress and load balancing—resulting in smoother traffic handling and easier horizontal scaling.
- Boosted system stability and performance through in-depth debugging, code optimization, and comprehensive testing, while improving maintainability through collaborative code reviews and adherence to Agile workflows.

EY (Ernst & Young)   06/2023 – 08/2024
Cybersecurity Software Engineer   Tunis, Tunisia

Delivered secure, automated cybersecurity solutions that enhanced incident response efficiency and improved SOC operations for enterprise environments.

- Developed a SOAR platform with Django, integrating CrowdStrike, Splunk, and Microsoft Sentinel to centralize alert triage and streamline case management across security teams.
- Automated incident response workflows using the Shuffle API, reducing manual intervention and helping cut response times by 40% in internal testing environments.
- Designed and deployed a containerized SOC solution using Docker Compose in VMware, integrating a robust SIEM stack (ELK, Wazuh, Nessus, Elastalert) and Threat Hunting tools (TheHive, Cortex, MISP), enabling efficient threat detection and forensic analysis.

Cyber-Trace ISSATso   2022 – 09/2023
Technical Team Leader   Sousse

Led technical initiatives to foster hands-on cybersecurity skills and community engagement within an academic setting.

- Directed a student team in organizing technical activities, mentoring peers, and building a strong cybersecurity culture within the club.
- Designed and developed original CTF challenges across multiple domains, including Web Exploitation, Binary Exploitation (PWN), Reverse Engineering, Cryptography, and Miscellaneous.
- Promoted cybersecurity awareness through on-campus events, workshops, and collaborative projects, increasing student participation and technical engagement.

Education

Higher Institute of Applied Sciences and Technology of Sousse   09/2019 – 10/2024
Software Engineering   Sousse, Tunisia

SKILLS

Soft Skills
Leadership, Detail oriented, Multitasking

Back End Technologies:
NestJs / Node.js / Express / Flask / Django / SpringBoot

Problem Solving
Analytical Thinking / Incident Response / Debugging

DevOps Technologies:
Docker/Docker-Compose/Kubernetes/Helm/ Azure/AWS/Ansible/Jenkins

Operating Systems:
Shell scripting / Configuration Management / Rollout & Deployment / Troubleshooting

Front End Technologies:
Next.js/React/Vue.js/Vite

Programming Languages:
Bash / Python / C/ C++ / PHP/ Java /JS /TypeScript /Go / SQL