MOHAMED JBELI

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Education

Faculty of Science of Tunis, TN   **09/2020 – 09/2023**

3,33 GPA   *Software Engineering degree*

Preparatory Institute for Engineering Studies, TN   **09/2018 – 06/2020**

Ranked 146/900   *Intensive program in mathematics, physics, and industrial science*

Experience

Expolio Consulting   **10/2023 – 10/2024**

DevSecOps Engineer   *Tunisie, TN*

- **Mentored** two interns for six months, guiding them in **DevSecOps** best practices, **CI/CD automation**, and cloud security.
- Containerized the CSPM application with **Docker**, optimizing deployment on **Azure Web Apps** and **AWS Elastic Beanstalk**, ensuring scalability and efficient cloud resource management.
- Increased cloud security compliance by **45%** by integrating **Azure** and **AWS SDKs**, enabling **asynchronous** scanning of clients' infrastructures, security policy enforcement, and automated policy deployment into **Azure Tenant** and **AWS IAM**.
- Reduced security misconfigurations by **30%** using a **security-in-depth** approach, analyzing cloud risks across multiple domains and security perimeters.
- Enhanced Agile operations efficiency by **50%** by developing a custom **Azure Board** solution using **webhooks**, aligning **DevSecOps** workflows with startup **Agile methodologies**.
- Accelerated secure software delivery by **70%** with a **DevSecOps** pipeline integrating **CI/CD** (**Jenkins, GitHub Actions**), **SAST (SonarQube)**, **secret and vulnerability scanning** (**GitSecret, OWASP Dependency-Check, Checkov**), and **infrastructure compliance (Terraform, TFsec).**

Expolio Consulting   **02/2023 – 08/2023**

Software Engineer Intern   *Tunisie, TN*

- Built a **Cloud Security Posture Management** (CSPM) solution, enabling multi-cloud security assessments by developing a **Java Spring Boot** backend, **Angular** frontend, and **MongoDB** for scalable cloud compliance.
- Automated infrastructure provisioning by **80%** through Terraform, enabling faster cloud deployments with security best practices.
- Implemented CI/CD automation using **GitHub Actions**, reducing manual deployments by **90%**.
- Integrated **Azure Storage Account** and **Amazon S3** for log management, improving debugging efficiency by **50%**.

Sartorius Stedim Biotech   **08/2022 – 06/2022**

Software Engineer Intern   *Tunisie, TN*

- Developed a technician survey dashboard using **Python (Django), Pandas, and Streamlit**, enhancing analytics capabilities for operational insights
- Optimized time tracking efficiency by **50%**, reducing managers' workload in workforce planning.

Projects

TrendPulse – Viral Video Automation | *Python, Kafka, YouTube API, Social Media APIs, Video Analytics, Jenkins, Azure*

- Developed TrendPulse, an automation tool for uploading viral videos using **Python, Kafka, YouTube API, and Azure CI/CD (Jenkins)**, boosting impressions by **253%** and subscribers by **26%**.

Certifications & Community Involvement

- **K8SUG Community Volunteer** – Contributed to **Kubernetes** + AI discussions   01/2025 — Now
- **GitHub Foundations**   01/2025
- **AWS Solutions Architect Badge**   12/2023
- **AWS Cloud Practitioner Certification**   12/2022 — 12/2025

Technical Skills

Cloud & DevSecOps: Terraform, Checkov, OWASP Dependency-Check, SonarQube
Development: Java Spring Boot, Angular, MongoDB, PostgreSQL, REST APIs
CI/CD & Automation: Jenkins, GitHub Actions, Docker, Kubernetes, Ansible