Mohamed Jbeli

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SUMMARY

Experienced software engineer specializing in full-stack development and cloud infrastructure (AWS, Azure). Strong background in microservices, security, DevSecOps, and automation.

SKILLS

Languages: Java, JavaScript, TypeScript, Python, C++, C

Frameworks: Spring Boot, Angular, Node.js, Redux

Tools: Jenkins, Terraform, Docker, Kubernetes, AWS, Azure, GCP, Ansible, SonarQube

EXPERIENCE

DevSecOps Engineer, Tunisie,TN   10/2023 – 06/2024
Expolio Consulting   *Spring-Boot, Angular, MongoDB, Azure, Terraform, Docker, Jenkins, Grafana, SonarQube, Checkov*
- Continued the backend development of the CSPM application, focusing on improving system performance and security.
- Supervised a front-end developer intern and a DevSecOps intern, leading them in key projects and ensuring collaborative success.
- Integrated telemetry and logging improvements, reducing debugging time by 40% and enhancing system monitoring capabilities.
- Conceptualized and implemented a customized Scrum methodology, improving team agility and responsiveness.
- Developed a pipeline to simulate cloud environments for testing security policies, ensuring CSPM policy compliance and robustness.
- Led the development of a micro front-end architecture using Angular, enhancing front-end modularity.
- Automated infrastructure deployment using a modular Terraform solution.

Software Engineer Intern, Tunisie,TN   02/2023 – 08/2023
Expolio Consulting   *Java Spring-Boot, Angular, MongoDB, Azure, Terraform, GitHub-Actions, Checkov*
- Designed CSPM application with Java Spring Boot, MongoDB, and Angular.
- Led backend development for multi-module project with Azure SDKs.
- Built scalable infrastructure on Azure Cloud and set up continuous deployment pipeline.

Software Engineer Intern, Tunisie,TN   08/2022 – 06/2022
Sartorius Stedim Biotech   *Python, Pandas, Streamlit, Git, Jupyter Notebook*
- Created technician survey dashboard using Python, Pandas, and Streamlit.
- Optimized work hour calculations, improving efficiency to reduce managers' time by 50%.

EDUCATION

Faculty of Science of Tunis   Tunis
• B.S. in Software Engineering

Preparatory Institute for Engineering Studies, Nabeul
• Intensive program in mathematics, physics, and industrial science   *Ranked 146/900*

PROJECTS

TrendPulse – Viral Video Automation   07/2024 - Present
Founder & Developer   *Python, YouTube API, Social Media APIs, Video Analytics, Jenkins, Azure*
- Creating an automated pipeline to upload viral short-form videos across multiple social media platforms and using AI tools to generate and curate viral video content, with analytics to optimize performance.

Java Microservices Application   01/2024 - 04/2024
DevOps Project   *Java Spring Boot, Angular, PostgreSQL, RabbitMQ, Eureka Server, AWS, Kubernetes, Docker*
- Developed a microservice-based application with Angular frontend and Spring Boot backend and implemented PostgreSQL for database management and RabbitMQ for messaging between services and used Eureka Server for service discovery and coordination.

CERTIFICATIONS

- AWS Certified Solutions Architect Badge   10/2023
- AWS Certified Cloud Practitioner   12/2022 – 12/2025