

# Montaha Ben Jaballah

Ariena, Tunisia

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## Summary

Full-Stack Developer & DevOps Practitioner with solid experience in MERN stack and .NET applications, skilled in database management with PostgreSQL, automation using PowerShell, and integrating Microsoft 365/Azure services. Currently developing a security assessment application that evaluates and improves cloud security configurations. Skilled in building efficient, secure, and user-focused solutions, while actively expanding expertise in cloud technologies and Kubernetes to tackle complex, large-scale challenges.

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## Experience

### Full-Stack & Azure Developer Intern

Jun 2025 – Aug 2025

*Insomea Computer Solution - Lac2, Tunisia*

- Built a Microsoft 365 and Azure Security Dashboard with admin and client portals, allowing environment scans, applied security rule review, and Azure AD security data analysis.
- Developed a robust .NET backend with PostgreSQL on Azure, integrating Microsoft Graph API and PowerShell scripts, resulting in automated extraction of security data and decreased data retrieval time by 60%.
- Constructed intuitive security visualizations within the React dashboards, leveraging Microsoft Graph API data to display security risks, and delivered 20+ training sessions to onboard new team members on dashboard usage.
- Deployed Multi-Factor Authentication (MFA) using Microsoft Authenticator for all employee accounts, reducing the risk of unauthorized access by an estimated 40%, according to security team projections.

### QA Tester & Software Developer Intern

Jun 2025 – Aug 2025

*Nexits – Paris, Île-de-France*

- Developed and maintained Playwright E2E tests, improving application reliability and quality.
- Resolved 30+ bugs and enhanced performance by 15% in a Next.js application, utilizing Agile Scrum methodologies to deliver bi-weekly iterative feature deployments and improve user experience.

### Full-Stack Developer — SkillMate: Skill-Sharing Platform

Jan 2025 – May 2025

*Academic Project – Esprit*

- Designed interactive features for the web application, including live Q&A sessions with expert instructors, addressing user requests and improving the platform's Net Promoter Score (NPS) by 15 points.
- Crafted a personalized recommendation engine that increased user content engagement by 25% through tailored suggestions based on behavior analysis.
- Created an OCR-based certificate validation system using Tesseract.js, achieving 95% accuracy in authenticating user achievements.

### DevOps Project Developer

Jan 2025 – Apr 2025

*Academic Project – Esprit*

- Implemented CI/CD pipeline with Jenkins and Docker, cutting deployment time by 40%.
- Boosted code quality and security by 30% using SonarQube and AI-driven Trivy scans.
- Automated backups and set up Prometheus/Grafana alerts, reducing response time by 25%.

### Full-Stack Developer Intern — Smart Parking System

Jun 2024 – Aug 2024

*Sagemcom – Ezzahra, Tunisia*

- Engineered a MERN-stack smart parking app supporting multi-admin authentication and role-based access control, improving security for 100+ users.
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# Volunteering & Memberships

<b>Member</b>	<i>Sep 2024 – May 2025</i>
<i>ATIA Club</i>	<i>Oct 2022 – Sep 2024</i>
<i>IEEE Student Branch</i>	

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# Education

<b>M.Eng. in Computer Science</b>	<i>Sep 2023 – Jun 2025</i>
<i>ESPRIT University, Tunisia</i>	
Key Courses: Web Development (Frontend & Backend), CI/CD, Containerization, Network Security	
<b>B.Sc. in Embedded Systems</b>	<i>Sep 2020 – Jun 2023</i>
<i>ISSAT Mateur</i>	
Key Courses: Microcontrollers, Embedded C Programming, Real-Time Systems, IoT Development,	

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# Skills

<b>Cloud:</b> Docker, Azure, Ansible
<b>Programming:</b> Java, Python, TypeScript, JavaScript, Bash, SQL
<b>Frameworks:</b> Spring Boot, Angular,.Net, Symfony, Node.js, React, Django, Laravel
<b>DevOps:</b> Git, GitLab CI, Jenkins, Prometheus, Grafana
<b>Databases:</b> PostgreSQL, MongoDB, MySQL, Oracle
<b>Networking:</b> TCP/IP, VLANs, Cisco
<b>Tools:</b> IntelliJ, Maven, VS Code, Postman, Figma
<b>Methods:</b> Agile, Scrum, DevOps, UML

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# Certifications

• Oracle Cloud Infrastructure 2025 DevOps Professional - ORACLE
• Multicloud Network Associate - Aviatrix
• Oracle Cloud Infrastructure 2025 Certified Foundations Associate - ORACLE
• AWS Cloud Foundations - AWS
• Apollo GraphQL
• Hashgraph Developer - The Hashgraph Association
• Introduction to Transformer-Based Natural Language Processing - NVIDIA
• Getting Started with Deep Learning - NVIDIA
• Fundamentals of Deep Learning - NVIDIA

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# Languages

Arabic (Native)	—	French (B2)	—	English (B2)
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