Achraf Ben Alaya

Cloud Architect & DevOps Engineer & Azure
07/04/1992

📍 Paris, France

Skills:

C#, LINQ, ,Sql, Entity Framework,
SignalR, ASP.NET Core, ASP.NET,
windows forms Xamarin.Forms,
Angular, Microsoft Azure,
DevOps,
Azure Automation, Runbook,
PowerShell, SharePoint, Office 365,
HTML5, CSS, JavaScript, jQuery, Git,
SQL,
SQLite, WPF, JSON, XML, Rest API,
Bootstrap, Google Cloud, Linux,
Windows
Server, Agile Methodologies.

Awards:

• Industries 4.0 2017
• One of the best Build My 5 Stars App
  program by Intilaq 2016
• First Place Radio Hack SFAX 2016
• First Place City Hack SFAX 2016
• First Place Devshow 16 By IIT google Club

Languages:

English : ★★★★☆
French : ★★★★☆
Arabic : ★★★★☆
German : ★★☆☆☆

Microsoft
CERTIFIED TRAINER
MCT

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🌐 https://sessionize.com/achrafbenalaya

MVP
Microsoft®
Most Valuable
Professional

👤 About Me:

I am passionate about Microsoft technologies and especially Azure.

Today, I have a solid background in Development methodology and have helped technical

development teams to succeed. I also have a solid knowledge of infrastructure, which makes

me an effective resource to implement the digital transformation to the Microsoft cloud.

I am an efficient and honest professional who likes to be challenged.

Enjoying sharing my knowledge.

My technical skills include: Azure, Architecture,DevSecOps, Application Architecture,.Net

Cloud Native ,trainer,solution development, Microsoft ecosystem ... and many others.

🎓 Education:

2015 - 2018	Computer Engineering at INTERNATIONAL INSTITUTE OF TECHNOLOGY In SFAX
2011 - 2015	Fundamental Licence In management Information system
2011	Baccalaureate in computer science

💼 Professional Experience (Highlights):

LVMH Perfumes & Cosmetics(Mars2024.. On going)
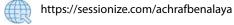
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LVMH
Beauty Tech

Azure Tech Lead at LVMH Beauty Tech

In my current role, I perform various activities to support projects within LVMH Beauty

Tech:

• Resolving identified technical constraints: I find solutions and resolve technical issues

encountered.

• Deployment support: I assist with various solution deployments.

• Creation and design of DAT files and various architectures for SaaS and PaaS

solutions (writing, reviewing, validation).

• Identifying various technical obstacles and suggesting one or more solutions to

effectively resolve them.

• Optimization and improvement of existing solutions: I work to enhance the solutions

already in place.

• Migration to the cloud: I facilitate the transition of infrastructures and applications to

the cloud.

• Demonstrations and workshops: I organize demonstrations and workshops with our

teams to explain and support technological needs.

• Sharing ideas: I participate in regular meetings to discuss governance, architecture,

and networking with different teams.

• Securing existing infrastructures: I ensure the security of all legacy infrastructures in

various environments.

Technical env: Azure , Github,ServiceNow,Azure DevOps, Okta,azure functions ,
API managment ,Private endpoints , app services , postgresql ,mariadb ,docker ,
Terraform,vnet ,firewall,powershell,vm ,vaults,backups,azure migrate,tags,word,teams,-
figma,visio,
identity,RBAC,Hub & Spoke,nsg ,route Tables,azure Policy,disaster recovery,audit,moni-
toring.

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Cloud & Software & DevOps Engineer & Azure

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💼 Professional Experience (Highlights):

CORUM L'Épargne (septembre 2022-Feb 2024)

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Today, I perform various activities to support Corum projects, including:

•Defining architecture patterns that meet the requirements and comply with the existing IT system's security, such as private links,endpoints, static websites, and API management.

•Managing the networking part of the Azure , including Firewalls and Application Gateway.

•As a DevOps expert and architect, I create modules and ensure the team's skills in the infrastructure as code tool, HashiCorp Terraform.

•Implementing complementary tools for infrastructure deployment, such as Checkov and tfSec for statistical analysis of TF scripts, Terraform-docs for automatic technical documentation generation, Infracost for infrastructure cost monitoring, and FinOps rule implementation.

•Creating supports and facilitating meetings to share the team's proposed solutions. Providing Azure expertise to support production applications.

•In addition to my other responsibilities, I also have experience conducting MCT Azure & DevOps training sessions for both our clients and internal team members. I am adept at creating comprehensive training materials and delivering engaging presentations that help participants develop the skills necessary to successfully implement and manage Azure-based solutions. Whether working with new hires or experienced professionals, I am committed to ensuring that each training session is tailored to the unique needs and goals of the participants.

The technical environment is based on Azure, Azure DevOps, Cloudflare, Azure Functions, API management, private endpoints, app services, PostgreSQL, MariaDB, WordPress, Docker, Terraform, VNet, Firewall, and PowerShell.

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💼 Professional Experience (Highlights):

Europ-assistance (Fevrier 2022 - Aout 2023) Mission with Fenia

•DevSecOps: deploying , Securing azure resources, Web App Services
 through application gateway, web application firewall, etc.
• Migration of web applications to App Service Environment (ASE)
• Creation, control of production pipelines (continuous deployment/delivery)
  for Web projects, WebJobs, Jobs, ACR Azure Container Instances...
• As part of my role, I have had the privilege of collaborating with a dynamic team of over 50 skilled
 developers to deploy, secure, deliver, monitor, and scale more than 100 web applications and
 services. This has been a challenging yet rewarding experience, as we have worked together to
 meet complex business requirements and deliver innovative solutions that exceed our clients'
 expectations. Throughout this process, I have gained valuable experience in coordinating
 large-scale development efforts, managing project timelines and budgets, and ensuring that
 each application meets our rigorous standards for security, performance, and reliability.
 I am proud of the work we have accomplished together and look forward to continuing
 to push the boundaries of what is possible in the world of web development.
• Automation of deployment, repetitive tasks through powershell, runbooks and azure DevOps.

TotalEnergies (aout 2021-Fevrier 2022)

Mission with Fenia

• Design and deployment of an orchestrator (service bus, aks, cron jobs)

• Implementation and update of the infrastructure as Code with Terraform

•Design and automation of the CI/CD chain deployment on aks and web apps.

•Creation of isolated environments (Dev, Non-Production, Production) for service hosting

•Definition and implementation of technical and logical isolation levels between

environments following Azure best practices (networking, monitoring,security, administration, etc.)

• Integration of good security practices in pipelines, containers, etc.

•Creation of isolated environments (Dev, Non-Production, Production) for application hosting.

•Development of tasks linked to pricer (Net,c#,netcore,entityframework)

Technical environment based on: Containers, ACR, AKS, ACI, APIM, Service Bus, PostgreSQL

Azure DevOps, Terraform, Azure Pipelines, Azure Key Vault, Docker, Net Core, azure, PowerShell,

c#,netcore,entity framework,jira...

Achraf Ben Alaya

Life Philosophy:
When you want to Succeed as bad as you want to breathe, then you'll be successful

Insomea Computer Solutions - Tunisia (2019 ..)

•• Designing and developing an online gaming platform for a startup (Azure, Angular, .Net Core, VMs)

• Assisting organizations in implementing DevOps best practices in planning, development, delivery, and operations related to applications (CI/CD)

• Designing and developing an internal website for the financial service (Angular, Web API, .Net)

• Migrating the Dynamics NAV database from on-premises to Azure as a service for Toyota

• Creating/designing a bot for the Ministry of Education in Bahrain (Microsoft Bot Framework, .Net Core, Azure)

• Creating/designing a bot for Central University of Tunisia (Microsoft Bot Framework, .Net Core, Azure, Microsoft Graph API)

• Migrating/validating/moving Azure resources for Groupe Cevital

• Migrating an on-premises SQL database to Azure SQL Server on Azure VMs

• Migrating a .Net application to Azure Web Apps for Moe Bahrain

• Writing SQL queries

• Creating a management portal for Office365 users (Microsoft Graph API, Runbooks, PowerShell, .Net Core) including documentation, scoping, and deployment.

• Conducting MCT Azure & DevOps training for our clients and internal training sessions.

Acteol Ltd-CRM (2018 -2019) : an access company

• Responsible for survey module ,development ,documentation, scooping and deployment (asp.net,sql server ,t-sql, web api) .

• Design and Implement a Cross-platform mobile app (Ios/android) for Acteol base on it's CRM using xamarin forms.

• Writing complex SQL queries .

• Technologies: C#, ASP.NET Web API, SQL Server, Xamarin.Forms, Visual Studio, Git, Visual Studio Team Services.

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Acteol Ltd-CRM (mid 2017 -2018 Trainee end of Studies project)

• Design and Implement a web application for Restaurant managment system (full stack)

• Technologies: C#, ASP.NET MVC 4, Razor, SQL Server, HTML5, CSS3, JavaScript, jQuery, Bootstrap 3, Microsoft Azure, Visual Studio, VSTS, Git, Angular 5/6.

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INTILAQ (2017-Trainee)

• Design and Implement a Cross-platform mobile app (Ios/android) Money Shelter app (Money manager) using xamarin forms.

WonderLab (Trainee)

Design and implement a web /mobile application for the internal company use (asp.net ,sql,xamarin) .

Halwani (2013-Trainee)

• Design and implement a desktop application to manage the Vehicules inside the company (windows forms ,sql) .

TIM (2012-Trainee)

• Web developer : creating company website from scratch

Certifications :

• Microsoft Most Valuable Professionals 2024-2025
• HashiCorp Certified: Terraform Associate
• Microsoft Certified: Azure Developer Associate .
• Designing Microsoft Azure Infrastructure Solutions (AZ-305)
• Designing and Implementing Microsoft DevOps Solutions (Az-400).
• Microsoft Certified: DevOps Engineer Expert .
• Microsoft Certified: Azure Security Engineer Associate (Az-500).
• Microsoft Certified: Microsoft Azure Administrator(Az-104).
• Microsoft 365 Certified: Developer Associate (Ms-600) .
• Microsoft Certified: Azure Data Fundamentals (DP-900)
• Microsoft CertifiedTrainer (2020-2021,2021-2022,2022-2023,2022-2024,2024-2025)
• Analyzing and Visualizing Data with Excel .

Other Experience (Highlights):

• Foundrer, main-organizer and Coach @X-Coding   (xcoding.tn)
• President @INTERNATIONAL INSTITUTE OF TECHNOLOGY Microsoft Tech Club
• Hour of Code orgnizer @Franklin Sfax center,@Lycée Pilote Sfax
• Microsoft student partner at Microsoft (2016-2018)
• Communication & Information Managment @AIESEC Local Committee Thyna,Tunisia
• Foundrer Microsoft Tech Club FSEGS