

# Ghassen Moalla

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**Summary** — Azure Administrator & DevOps Engineer with Microsoft Azure certification, specializing in cloud infrastructure management, identity/access governance, and cost-optimized operations. Achieved 99.9% uptime for critical workloads and reduced Azure spend by 12% via FinOps strategies.

## Skills

<b>Automation</b> Terraform, Ansible, Chef, PowerShell	<b>CI/CD</b> Azure DevOps, GitHub Actions, Jenkins
<b>Cloud</b> Azure, GCP, AWS	<b>Containerization</b> Docker, Kubernetes , AKS (Azure)
<b>Languages</b> Python, Bash, PHP, Go, Shell .Net	<b>Monitoring</b> Prometheus, Grafana, ELK Stack

## Experience

<b>Mantu</b> <i>Platform Engineer</i>	<b>Jul 2024 – Present</b>
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- Designed high-availability architectures in Azure achieving 99.95% SLA for critical workloads
- Implemented Azure Policy and Blueprints enforcing security/compliance across 300+ resources
- Automated VM scaling using Autoscale saving \$22k/year in compute costs
- Configured Azure Private Link and Service Endpoints for secure PaaS connectivity
- Resolved critical system outages and errors, maintaining 99.9% uptime for cloud-based applications
- Migrated on-prem AD to Azure AD Connect hybrid identity model

<b>Mantu</b> <i>DevOps Engineer</i>	<b>Dec 2022 – Jul 2024</b>
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- Resolved critical production issues with cross-functional teams, restoring full service within 12 hours.
- Built multi-stage YAML pipelines in Azure DevOps reducing build errors by 40%
- Developed Terraform modules for AWS/Azure multi-cloud deployments
- Implemented Prometheus/Grafana monitoring reducing MTTR by 35%
- Automated security scans in CI/CD pipeline catching 90% of vulnerabilities
- Created Ansible playbooks for cross-platform configuration management
- Designed disaster recovery runbooks tested quarterly
- Automated routine tasks using scripts to reduce manual effort and increase productivity
- Documented system configurations and procedures for knowledge sharing within the team

## Education

**Private Higher School of Engineering and Technology (ESPIRIT)**  
*Engineering Degree in IT Architecture and Cloud Computing*  
*Coursework: Cloud Architecture, DevOps Methodologies, System Design*  
*Minors: Networking, Security Fundamentals, Linux Systems*

**National School of Electronics and Telecommunications of Sfax (ENET'Com)**  
*Bachelor of Engineering in Information and Telecommunication Technologies*  
*Coursework: Computer Networks, Operating Systems, Python/Bash Programming*

### Certifications

- **Microsoft Azure** : Azure Fundamentals
- **Google Cloud Platform** : Associate Cloud Engineer

## Projects

<b>DevSecOps Software Supply Chain Security Implementation</b>	<b>Mar 2024 – Present</b>
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- Deployed Dependency-Track for Software Supply Chain Security, integrating Azure AD authentication and private endpoints.
- Architected scalable solutions using Azure Static Web Apps and PostgreSQL, reducing vulnerability exposure by 25%.
- Ensured compliance with enterprise security standards, improving vulnerability management.

<b>Disaster Recovery and High Availability Solution</b>	<b>Jan 2025 – Present</b>
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- Configure Azure Site Recovery to replicate virtual machines and applications to a secondary region
- Set up geo-redundant storage (GRS) for backups and Azure SQL Database with active geo-replication
- Test and document DR failover procedures to ensure minimal recovery time objectives (RTO)