

# Some random guy

A number | [ADude@gmail.idk](mailto:ADude@gmail.idk) | [LinkedIn](#) | [GitHub](#)

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## EDUCATION

### A place

*Engineering Degree, Computer Science*

Tunis, Tunisia

2022 – 2027

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## EXPERIENCE

### Platform/DevSecOps Engineer (Part-time)

Aug 2025 – Present

*A startup*

*Tunis, Tunisia*

- Worked closely with clients to design, deploy and manage hybrid Kubernetes clusters across AWS and on-prem environments (EKS Anywhere and hybrid nodes).
- Engineered k6 stress testing (baseline, spike, soak, break point) and chaos engineering scenarios for Kubernetes-deployed applications, identified HPA scaling lag and two endpoints memory leak under endurance load, reducing p99 latency by 60%, and ensuring SLA compliance at peak traffic.
- Supported the company in securing their infrastructure (Kubernetes and virtual machines), contributing to successful ISO 27001 compliance audits.
- Built Python Lambdas spanning EKS node group lifecycle automation and AWS-wide compliance auto-remediation, achieving 30% EC2 cost reduction and faster drift resolution.
- Managed medium-sized (45 virtual machines) KVM infrastructure with proxmox, ensuring complete observability and backup.

### Backend/DevOps Engineer Intern

Jun 2025 – Aug 2025

*A startup*

*Tunis, Tunisia*

- Modernized internal CI/CD pipelines by migrating GitLab runners to Kubernetes and implementing rootless container builds, significantly optimizing resource utilization, security, and delivery speed.
- Led DevSecOps adoption by embedding security controls (SAST,DAST,Secrets Scanning...) across CI/CD pipelines.
- Added 2 golang based microservices for the company's main solution , ensuring reliable unit, e2e and integration testing.

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## PROJECTS

### Challenges Platform | *Kubernetes, Golang, Kubebuilder, TypeScript, Prometheus, NGINX Ingress* [\[Demo Video\]](#)

- Developed kubernetes operators that allows users to create challenges , contained in pods or virtual clusters.
- Provided users with access to isolated environments via a web-based shell.

### RbacController | *Kubernetes, Golang, Kubebuilder* [\[GitHub Repo\]](#)

- Developed a Kubernetes operator to automate RBAC management at scale across multiple namespaces using a CRD.
- Automated the lifecycle of ServiceAccounts, RoleBindings, and ClusterRoleBindings, reducing manual configurations.

### Kube-Foren | *Kubernetes, Golang, Kubebuilder* [\[GitHub Repo\]](#)

- Developed a Kubernetes operator to automate container checkpointing for digital forensics use cases.
- Provided users with the option to upload checkpoints to remote object storage for later analysis.

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## CERTIFICATES

Certified Kubernetes Administrator (CKA) • AWS Solutions Architect – Associate • AWS Developer – Associate

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## SKILLS

**Cloud & Infrastructure:** AWS, Azure, Terraform, Ansible, KVM, Proxmox

**Container & Orchestration:** Kubernetes, Helm, Docker, Firecracker, Kustomize, Operators

**CI/CD & GitOps:** GitLab CI, GitHub Actions, ArgoCD

**Observability & Monitoring:** Prometheus, Grafana, Loki, Datadog, OpenTelemetry

**Databases & Storage:** PostgreSQL, MySQL, MongoDB, Redis, S3