



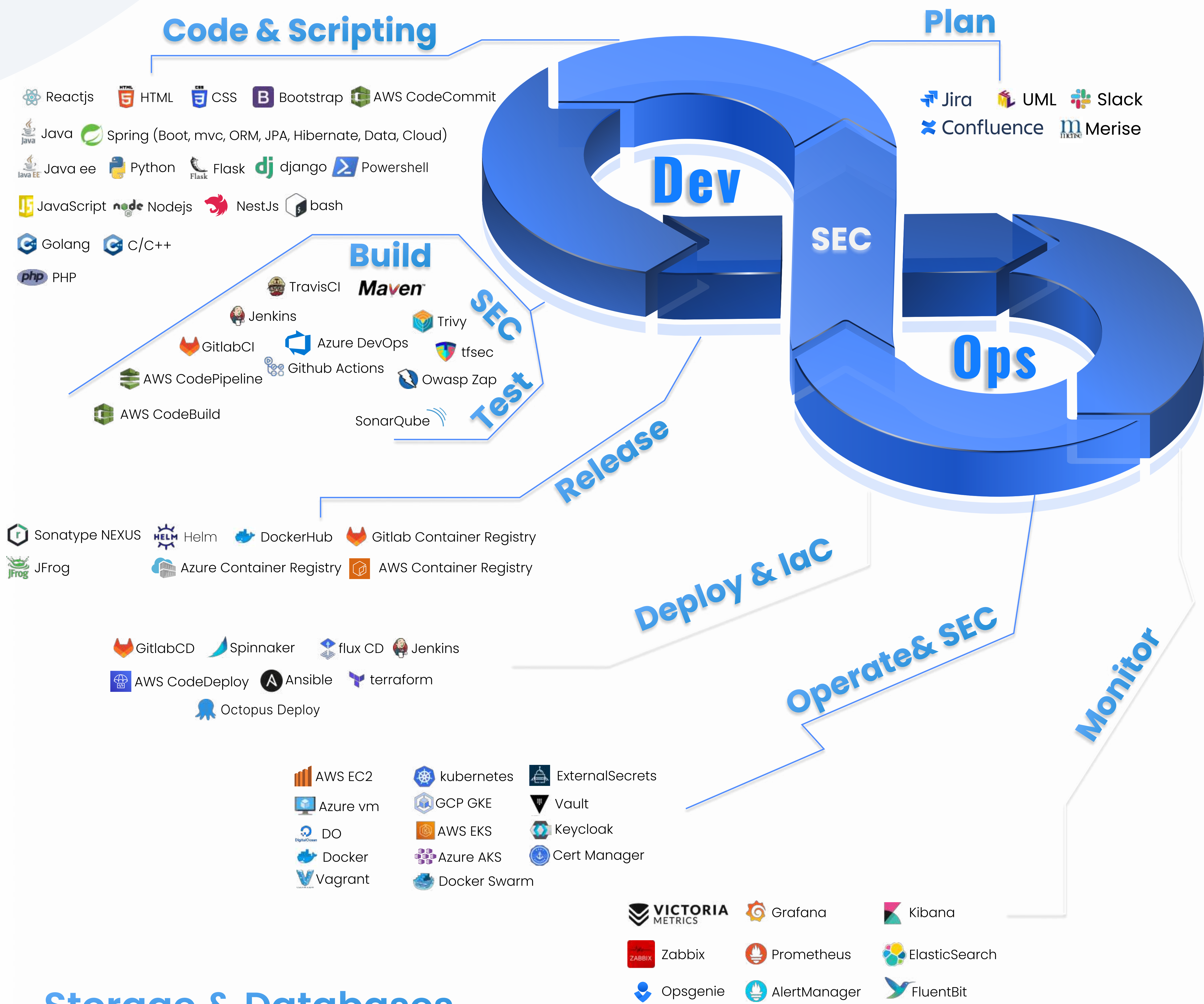
Anas DADI

DevSecOps/Cloud Engineer

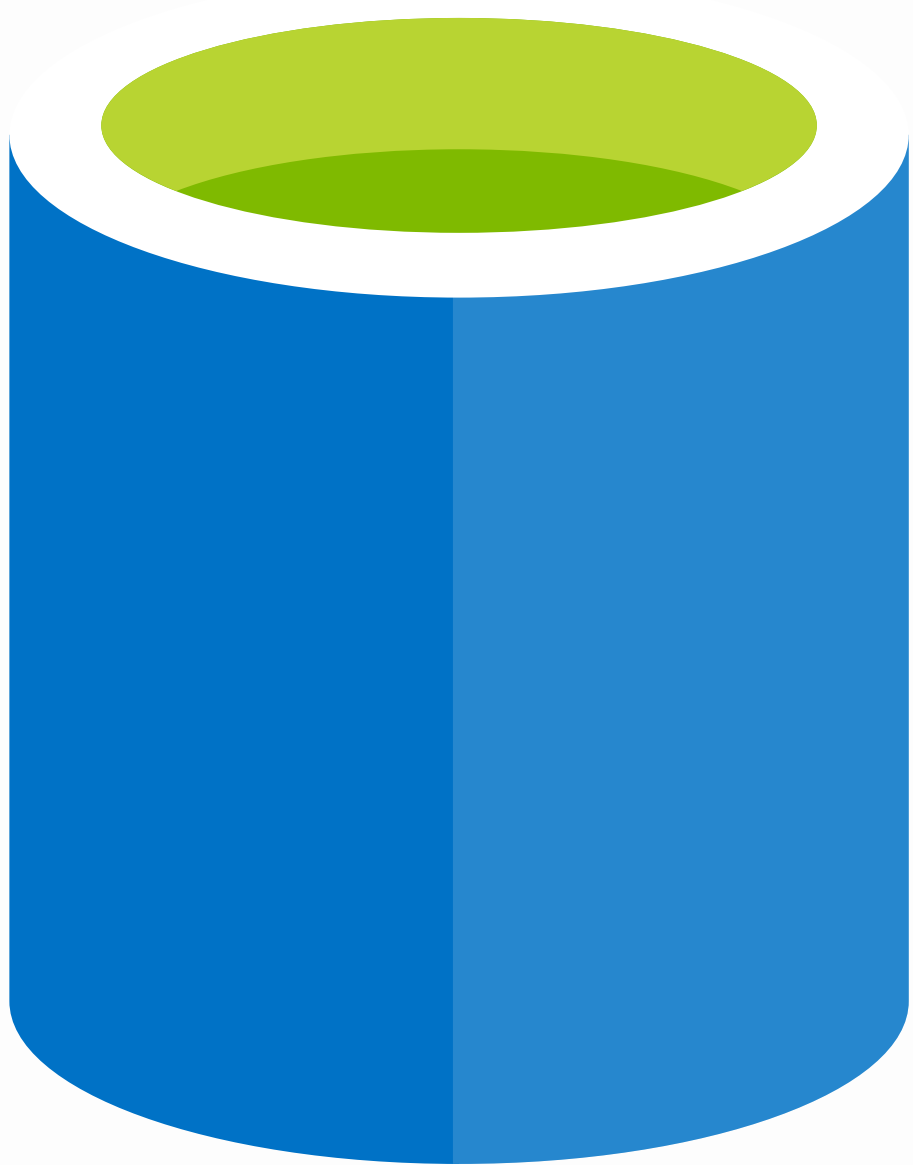
Graduated as Big data et Cloud Computing engineer, with 3+ years of experience as DevOps/ Cloud/DevSecOps Engineer, open to work for full remote positions (CDI or Freelance)

Paris, France

Technical Skills



Storage & Databases



Cloud Providers



+33 681421585

DadiAnas

DadiAnas

dadi.anas@hotmail.fr

Professional Experiences

Coral-io / Stellantis

Cloud/DevSecOps Architect- 7 months (until now)

01 September 2023 – now

Paris, France (Full remote)

Project: Migration to the Cloud

Objective: Successfully migrate multiple projects from six distinct data centers to cloud platforms, ensuring enhanced scalability, reliability, and performance. The initiative primarily involved leveraging AWS and Azure to create a more flexible, secure, and cost-effective infrastructure environment.

Roles:

- Led the strategic planning and execution of cloud migration processes, coordinating with cross-functional teams to ensure smooth transitions.
- Conducted comprehensive risk assessments and compliance checks to align with industry standards and best practices.
- Oversaw the design and implementation of cloud architecture, ensuring optimal performance and integration with existing systems.
- Facilitated continuous training and development sessions for team members on cloud technologies and DevSecOps best practices.
- Managed stakeholder communication, providing regular updates on project status, timelines, and key metrics.

Technologies:

- Implemented AWS multi-account management strategies using AWS Organizations, enabling centralized control while maintaining account-specific security and autonomy.
- Leveraged Azure's multi-tenant features to design and deploy scalable, secure solutions catering to diverse client requirements while ensuring isolation and data security.
- Utilized containerization technologies like Docker and Kubernetes to support scalable, efficient deployment and management of applications across different environments.
- Adopted Infrastructure as Code (IaC) practices with Terraform, facilitating consistent and reproducible setup across AWS and Azure, enhancing agility and reducing operational risks.
- Integrated continuous integration and continuous delivery (CI/CD) pipelines using TeamCity and GitHub Actions, streamlining development workflows and automating build and deployment processes.
- Leveraged Looker Studio for data visualization and analytics, enabling informed decision-making.

Coral-io/icade.fr

DevOps/SRE consultant – 1 year 2 months

17 August 2022 – 31 August 2023

Paris, France (Hybride)

- Designing, building, and managing Continuous Integration/Continuous Delivery (CI/CD) systems, utilizing GitLab CI and Jenkins to ensure regular and reliable deployments.
- Containerization of various web projects based on different technologies (FastApi python, Django, Flask, Laravel Symphony).
- Collaborating closely with development teams to facilitate the deployment of new features and services.
- Evaluating and integrating new technologies and techniques to continually improve efficiency and automation.
- Participating in incident management and the development of post-mortems to ensure quick resolution of problems and prevent their recurrence.
- Maintaining detailed and up-to-date technical documentation, ensuring traceability and transparency.
- Assisting development, infrastructure, and data teams to automate operations and production workflows.
- Handling forensic analysis and troubleshooting to resolve problems when things go wrong.
- Installing, configuring, tuning, and optimizing technological solutions to align with business requirements.
- Ensuring that any implemented technological solution is robust, scalable, and that fallback and business continuity plans (BCP) are in place to maintain service reliability.
- Implementing monitoring and logging solutions that allow production systems to be monitored 24/7.
- Led a project to migrate the infrastructure from vSphere to new Kubernetes clusters, deployed in LXD hypervisors, thus improving the system's scalability and robustness.
- Deployed several tools in Kubernetes using Terraform, including Apache Solr, AWX, Blackbox, Cert-Manager, and many others, thereby strengthening the company's DevOps tool ecosystem.
- Configured storage using Rook Ceph, GlusterFS, and Longhorn, thus offering resilient and high-performance distributed storage options for production applications.
- Drove the configuration and installation of Loki and Promtail on different servers, improving centralized log management and facilitating a more efficient response to incidents.
- Maintained several databases, including Redis, PostgreSQL, and Elasticsearch, ensuring their high availability, securing data, performing regular backups, and managing database scaling.
- Implemented secret management with Hashicorp Vault to secure sensitive information.
- Used configuration management tools, such as Ansible, to automate provisioning, configuration, deployment, and server management.
- Developed and implemented automation scripts using Python, Bash, and Golang to optimize recurring tasks.
- Configured and implemented Grafana for real-time system monitoring.
- Set up Prometheus and VictoriaMetrics for metric collection.
- Installed and configured PHPIPam for IP address management.
- Used the Atlassian JIRA project management tool for issue tracking and project management.
- Used Confluence for documentation and knowledge sharing.

Technical environment : Python, Bash, Golang,, Kubernetes administration, Vault hashicorp, Terraform, Ansible, Docker, Helm, Elasticsearch, redis, PostgreSQL, Mariadb, CertManager, ExternalSecrets, Prometheus, VictoriaMetrics, Grafana, Gitlab CI, FluxCD, SonarQube Redis, PHPIPam, VMware ESXi, PowerDNSAdmin, GitlabCI (private/public), Gravitee apim, AWX, LXD, Blackbox, Telegraf, Promtail, Influxdb, Loki, Atlassian (JIRA, Confluence, OpsGenie), Slack, Webex, Minio, OpenEbs ...

Avito.ma / Frontier Digital Ventures

DevOps/Cloud Engineer – 1 year

01 September 2021 – 01 August 2022

Casablanca, Morocco (Full remote)

- Setting up and managing AWS infrastructures using Infrastructure as Code tools such as Terraform and CloudFormation, allowing the creation and modification of AWS resources in a predictable and idempotent way.
- Using Ansible for automating server configuration, orchestration, application deployment, and ad-hoc tasks.
- Deploying and managing large-scale applications on AWS using Kubernetes and EKS, thereby providing an automated, scalable, and standardized way to deploy, scale, and manage applications.
- Deploying and managing AWS services such as EC2, RDS, S3, DynamoDB, Lambda using Docker for application isolation and easy deployment.
- Administering and optimizing AWS RDS, DynamoDB, and ElasticSearch databases, including performance monitoring, query optimization, backup management, and troubleshooting.
- Using AWS Secrets Manager and Vault for secret management and protecting sensitive data.
- Implementing monitoring systems with CloudWatch, Grafana, Prometheus to monitor and alert on AWS service metrics.
- Using Jira for issue tracking and project management, and Confluence for technical documentation and team collaboration.
- Developing scripts in Python, Bash to automate common tasks and increase efficiency.
- Developing Kubernetes Operators in Python for managing Traefik IngressRoute and managing PrometheusRules.
- Using AWS SNS, SQS, and EventBridge to set up notifications and queuing systems.
- Collaborating closely with development teams to resolve technical issues, provide assistance for adopting new technologies, and promoting DevOps best practices.
- Using Apache Kafka for real-time data stream processing, allowing for smooth communication between different parts of the system.
- Using Helm to manage Kubernetes application packages, making it easy to create, install, and upgrade even the most complex Kubernetes applications.
- Managing networking aspects during migration, including resolving connectivity issues, configuring GCP network services, and setting up VPN tunnels.
- Configuring, managing, and optimizing CI/CD pipelines with Jenkins, AWS CodePipeline, and Travis CI for smooth and reliable application deployment.
- Configuration and integration of Spinnaker for multi-cloud continuous delivery management.
- Containerization of various web projects based on different technologies (Go, React, NestJS, NextJS, Flask).

Technical environment : AWS, Python, Bash, AWS (Production administration; EKS, IAM, EC2, ECR, CloudWatch, Cloudtrail, VPC, Subnets, SG, OpenSearch, Redshift, lambda..), Kubernetes administration, Kubernetes operators, Terraform, Ansible, Docker, Helm, Elasticsearch, Jenkins, Prometheus, VictoriaMetrics, Grafana, TravisCI, Git/GitHub, Spinnaker, Redis, Slack, Atlassian (JIRA, Confluence, OpsGenie) ...

Internships

DXC Technology

End-of-study internship – 4 months

15 February 2021 – 15 Juin 2021

Sale AL Jadida, Morocco

Implementation of the solution of IT Monitoring and automation of Reporting BI solution using Zabbix, VMware ESXi, Kubernetes, Helm, Docker, Zabbix, Grafana, Elasticsearch, Fluent-bit and Kibana.

ENSET Mohammedia

Application Internship – 2 months

1 october 2020 – 1 December 2020

Mohammedia, Morocco

Working on an Artificial Intelligence Chatbot using Python(Flask, Tensorflow) on Backend, Heroku for Deployment, and React-native for mobile development.

Abboud Foodstuff Trading

Engineering Internship – 2 months

01 July 2020 – 31 August 2020

Rabat, Morocco

Design and Development of a web stock management application using Nestjs for the backend, ReactJs for the frontend and Figma for the UI/UX.

Barid-Al-Maghrib

Initiation Internship – 1 month

1 july 2019 – 1 august 2019

Rabat, Morocco

- Development of a furnitures management web application using Flask-python.
- Management of a team of three developers to develop a web project using php.

Soft Skills



Patience



Flexibility



Creativity



Team Management

ARABIC	Mother language
English	Advanced
French	Advanced




Education

ENSET Mohammedia
CS Engineering, Big Data & Cloud Computing – 3 years
09/2018 – 07/2021 Mohammedia, Morocco



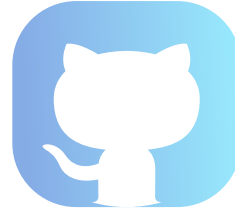

CPGE- Omar ibn Alkhattab
Physics and Engineer Science – 2 years
09/2016 – 07/2018 Meknes, Morocco

Tarik Ibnou Ziad High School
Mathamitaics Science A – 3 year
09/2013 – 07/2016 Azrou, Morocco

Certificates

-  TCF – French Advanced level
-  Huawei certification AI
-  Huawei certification Security

Contact

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