MONKAM NAKTAKWEN SYEVY

+393715913642   STEVY.NAKTAKWEN@GMAIL.COM

Linkedin : https ://www.linkedin.com/in/stevy-monkam-naktakwen-a84299181/

GitHub : https ://github.com/stevymonkam

Cloud Architect & DevOps Engineer

Profile

   AWS Cloud Practitioner and Solutions Architect-Associete Certified Cloud Architect and DevOps engineer with proven experience in Cloud solutions architecture, DevOps strategy implementation, improving the resilience, efficiency and performance of applications/services. Specialized in multi-cloud infrastructures (AWS, Google Cloud Platform), containers and orchestration (Kubernetes, Docker) as well as automation (Terraform, Ansible, IaC) of server infrastructure management (Linux, Windows), I support companies in optimizing their infrastructures, cloud migrations and continuous system improvement. Resolutely solution-oriented, I put my expertise at the service of the performance and scalability of cloud environments.

Professional Experience

Cloud Architect & DevOps Engineer *Be | Shaping the Future Italy*   2023 - Present

— Led the migration of over 20 applications to the cloud, reducing deployment time by 75% and improving system performance.

— Implemented the AWS EKS Kubernetes platform for hosting and orchestrating microservices. Set up Nginx Ingress for routing and managing hundreds of URLs using AWS EKS and AWS Elastic Load Balancing. Implemented monitoring and logging using AWS CloudWatch.

— Collaborated with development, operations, security teams, and over 10 cross-functional teams to ensure cloud solutions aligned with business needs.

— Deploying an App on Lambda and DynamoDB for Banking Transaction Notifications (API GATEWAY, SECRET MANAGER, IAM, S3, DynamoDB, AWS Lambda, SES, EventBridge, CLOUDWATCH, Logs Groups ect ..)

— Using Terraform to Automate the Deployment of Infrastructure on AWS.

— Automated manual processes using Ansible , which helped to boost system reliability company-wide.

— Designed and maintained CI/CD pipelines for more than 10 applications using Jenkins and GitLab, increasing deployment frequency by 61%.

— Established containerization with Docker and Kubernetes, reducing resource usage by 32% and improving scalability.

— Created and deployed Docker containers to break down a monolithic application into microservices, enhancing developer workflow, increasing scalability, and optimizing speed.

— Built and maintained fully automated CI/CD pipelines for code deployment using Jenkins and Git.

— Installation, configuration and maintenance of web services.

— Experience with Apache, Nginx.

— Administration and performance optimization of CentOS / Ubuntu systems.

— Scripting in Shell and Python

— Task tracking and management with Jira

Cloud Architect *Be | Shaping the Future Italy*   2022 - 2023

— Deployed a highly available, scalable, and secure application on AWS using ECS Fargate, RDS Multi-AZ, and EFS, ensuring website resilience, performance, and availability. Designed an optimized cloud architecture incorporating VPC, subnets, NAT Gateway, ALB, Route 53, ACM, IAM, S3, EFS, and Auto Scaling.

- Design and Implementation of a Scalable, Highly Available, and Secure 3-Tier Architecture on AWS Using EC2, RDS, CloudFront, and Elastic Load Balancer.
- Automation of EBS Snapshot Creation with CloudWatch Events and SNS
- Deployed a complete application infrastructure on a Kubernetes cluster hosted on AWS.The stack was deployed using CloudFormation, with an architecture designed for high availability, enhanced security, and scalability.Leveraged AWS services such as CloudFront, WAF, ACM, Route 53, Internet Gateway, ALB, external DNS, VPC, subnets, EC2, bastion host, and Kubernetes Ingress.

Full-stack developer Angular-Java Spring Boot *Be | Shaping the Future Italy* 2020 - 2022
- Development of an e-commerce application with Angular (frontend) and Spring Boot (backend)
  Implementation of JWT authentication, role management (admin, customer), and shopping cart. Creation of a back office for product, order, and user management. Deployment on AWS (EC2, RDS, S3) and API documentation with Swagger. Unit testing with JUnit (Spring Boot) and Jasmine/Karma (Angular).

- Development of a meeting room booking application with calendar management
  Angular user interface with FullCalendar for selecting available slots. Secure REST API with Spring Boot and Spring Security, booking conflict management. Administrator dashboard : room management, bookings, and usage statistics. API documentation with Swagger and PostgreSQL database management.

Education

Computer Engineer, Graduate of Polytechnic of Turin, italy

Certifications

AWS Certified Cloud Practitioner, Amazon Web Services (AWS), 2025

AWS Certified Solutions Architect – Associate, Amazon Web Services (AWS), 2025

Skills

Cloud Computing and DevOps : AWS, Google Cloud Platform (GCP), Kubernetes, Docker,Terraform,Ansible, Jenkins CI/CD, GitLab, Git ,EC2, ECS, EKS, Lambda, CloudFormation, S3, EBS, EFS, ACM, ,ELB, API Gateway, VPC, Route 53, CloudFront, IAM, CloudWatch, WAF ect ...

Development and Programming : Python, bash, Java/J2EE, Powershell, Shellscript, .NET Core/C, AngularJS, ReactJS, NodeJS, HTML5, JavaScript

Databases and Big Data : SQL (SQL Server, PostgreSQL, MySQL), NoSQL (DynamoDB, MongoDB, CosmosDB), Big Data (AWS EMR, RDS, Amazon Redshift, Amazon Aurora), Oracle, MariaDB, Apache Kafka

Operating Systems and Tools : Linux, Windows Server, centos, Visual Studio Code, Word, PowerPoint, Jira

Languages

French (Mother tongue) • English (Intermediate - B2) • Italian (Fluent)