

Elom KOSSI

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Cloud Ops Engineer

3+ years of hands-on experience in building cloud computing (GCP, AWS), Infrastructure as Code, designing, developing, maintaining, debugging software, good understanding of software development life cycle and agile methodologies

Skills

Languages: Python, JavaScript, Go, Shell

Cloud Provider: GCP (Compute, IAM, Networking, Data Engineering), AWS (Compute, Storage)

Infrastructure as Code: Terraform, Ansible, Packer, Helm

CI/CD Tools: GitLab CI, Jenkins, Argo CD, Cloud Build

Containers & Orchestration: Docker, Cloud Run, Kubernetes, GKE, AKS, Istio

Data Engineering: BigQuery, BigTable, DataFlow, DataProc, Apache Kafka, Cloud Composer

Experience

CBTW | Cloud Ops Engineer

Paris

Client: EDF

May 2024 - Present

- Creation of metrics and alerts to monitor the Landing Zone
- Implementation of Apache Iceberg on GCP
- Implementation of a solution enabling access to data on GCP via Power BI Online
- Setting up resource monitoring with Dynatrace
- Implementation of an OS Image Factory
- Security studies on GCP products and services
- Support for other teams
- Techs: GCP (IAM, Networking, Data Engineering, Observability, GCE, Cloud Run, Vertex AI), Terraform, GKE, Packer, GitLab-ci, Dynatrace, Shell, Python

Project: Implementation of a RAG (Retrieval-Augmented Generation)

Jan. 2024 - June 2024

- Technology watch
- Function development using LLM (OpenAI LLM's, Mistral's LLM, ...)
- Techs: GCP (Vertex AI), Longchain, LlamaIndex, Qdrant, Pinecone, Gitlab-ci, Shell, Python

Atos | Cloud Ops Engineer

Bezons

Client: Orange Caraïbe

Oct. 2022 - Sept. 2023

- Migration of the entire OCA environment from on premise to GCP and VSphere
- Automating of various resources creation with Terraform (Project, Networking, IAM, ...)
- Application deployment automation with Ansible
- OS image creation with Packer
- CI/CD pipeline design and Migrating Jenkins pipelines to Gitlab-CI
- Application deployment automation with Ansible
- Support for other teams
- Techs: GCP (Compute, IAM, Networking), VSphere, Terraform, Ansible, GitLab-ci, Jenkins, Packer, Shell, Python

Project: MLOps on Google Cloud

Feb. 2022 - Sept. 2022

- Technology watch and gathering of requirements from data scientists
- Definition and implementation of the architecture (including definition of the various services)
- Implementation of CI/CD pipelines
- Containerisation and orchestration of the various applications developed by the data scientists
- Introduction to DevOps practices for data scientists
- Techs: GCP (GKE, Vertex AI), Terraform, Docker, Kubernetes, GitLab-ci, Python

Education

University of Technology Belfort-Montbéliard (UTBM)

Belfort, France

Master's Degree in Computer Science (Graduation date Feb 2022)

Certifications

- **Google Cloud Professional Cloud Architect**
- **Certified Kubernetes Administrator (CKA)**

See my certifications badges on [Credly](#)

Interest

- Passionate about AI prompt engineering and agent design
- Enthusiast for mechanical watchmaking and innovation
- Active in street workout, biking, and swimming