

# CHIEMERIE EZECHUKWU

CLOUD ENGINEER

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📍 Krakow, Poland

🐙 [Github](#)

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## WORK EXPERIENCE

### Cloud Engineer

July 2022 – Present

*Kolomolo, Krakow, Poland*

- Actively contribute to cloud migration efforts by engaging with multiple teams, assessing their existing workloads, propose cloud alternatives, develop PoCs and collaboratively transition applications to the cloud.
- Implement solutions using IaC (Terraform and Pulumi) ensuring reproducible deployments while improving existing ones across projects, incorporating automation to enhance scalability, reliability, and maintainability.
- Design and develop new cloud systems, maintain existing ones while adhering to industry best practices. Regularly evaluate systems, suggesting enhancements for improved performance and cost-effectiveness.
- Develop and manage an internal EKS platform, serving multiple teams and enabling seamless cluster bootstrapping via an intuitive YAML configuration file, reducing time for deployment and configuration tasks.
- Integrate ArgoCD and Helm for continuous deployment and GitOps workflows, significantly reducing deployment time and ensuring consistency across environments.
- Mentor team members, particularly on the topics of AWS, Kubernetes, ArgoCD, and Helm usage, fostering a culture of knowledge sharing and professional growth.

### Software Developer

April 2021 – June 2022

*Storm Reply, Turin, Italy*

- Developed, deployed and debugged software written in Python for an IoT platform with 100% on-time record to meet stakeholder's SLAs and deadlines
- Engineered unit test cases and performed comprehensive unit testing to ensure and maintain source code quality
- Manipulated queries to downstream resources (DynamoDB, Elasticsearch) in AWS lambda to improve the integration latency of several ApiGateway endpoints
- Developed, integrated and managed new API endpoints to support internal application requirements
- Analyzed solutions and architectures to allow releases without downtime within a distributed serverless IoT platform

## SKILLS

Technical Skills	AWS, Python, Bash, Node, Typescript, Git, Docker, Kubernetes, Helm, ArgoCD, Terraform Pulumi, CloudFormation
Web Technologies	HTML/CSS/Javascript, Flask, ReactJS, Django and Django Rest Framework
Languages	Proficient in English; Fluent in Russian
Other Skills	Teamwork, Problem Solving, Agile frameworks, Microsoft Project, L <sup>A</sup> T <sub>E</sub> X

## EDUCATION

### Politecnico di Torino

*M.Sc. Engineering and Management*

**Final Grade: 104/110**

October 2019 – March 2022

*Turin, Italy*

### Tver State Technical University

*B.Sc. Computer Science*

September 2015 – July 2019

*Tver, Russia*

## CERTIFICATIONS

- AWS Certified Solutions Architect – Professional (SAP)	December 2023
- CKA: Certified Kubernetes Administrator	October 2023
- CKAD: Certified Kubernetes Application Developer	March 2023
- HashiCorp Certified: Terraform Associate	November 2022
- AWS Certified SysOps Administrator – Associate (SOA)	October 2022
- AWS Certified Developer – Associate (DVA)	November 2021
- Scrum Fundamentals Certified (SFC)	June 2021
- AWS Certified Solutions Architect – Associate (SAA)	December 2020
- AWS Certified Cloud Practitioner (CLF)	November 2020