Cyril Roumégous
Backend Software Engineer

About me

Software engineer with a passion for programming and AI, I am eager to apply my skills and knowledge to drive meaningful change through impactful projects.
Leveraging cloud technologies to build scalable, reliable and maintainable systems that deliver business value.

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Work experience

Since Sept. 2020

Backend Software engineer / Sewan Montpellier, France
Backend developer building microservices with Python (Flask/FastAPI) hosted on AWS.

- Designed, developed, and maintained scalable microservices to manage the complete customer hierarchy, pricing, subscriptions and order lifecycle.
- Owned and optimized AWS infrastructure as code using Terraform/Terragrunt

From 2019 to 2020

Apprentice Software developer / Collins Aerospace
Blagnac, France
Development of applications and tools in the aerospace field.
Python development, data manipulation/processing and visualization with Numpy, Pandas and Plotly.

- Classification of large data volumes
- Worked on Traffic Collision Avoidance System
- End to end test with Selenium

Skills

Programming
- Python
- SQL / NoSQL
- TypeScript/Node.js
- Rust

Cloud & Infrastructure
- AWS
- Docker
- Terraform/Terragrunt
- Kubernetes
- GCP

Databases & caching
- PostgreSQL
- OpenSearch
- Redis

CI/CD & Tools
- Gitlab CI/Github
- Observabilty tools (Datadog)

Education

From 2020 to 2023

Software engineer degree / Polytech Montpellier, France
Software engineer degree in apprenticeship. Specialized in DevOps practices, and working with cloud environments

From 2018 to 2020

DUT Computer science / IUT de Blagnac Blagnac, France
2-year university qualification in Computer Science.
University Institute of Technology of Blagnac

Languages

French (Native)

English Professional (TOEIC 975/990)

Personal projects/Experiences

PolyxIA:
Cloud-based voice assistant inspired by Amazon Alexa.
Natural Language Understanding, TextToSpeech and Speech2Text.
Powered by Morty a custom-made FaaS platform to execute skills.
As well as RIK, a custom-made rust orchestrator (similar to Kubernetes)

Linkedin: linkedin.com/in/cyril-roumegous
Github: github.com/croumegous

Interests

Artificial intelligence / IT

Sciences

Car mechanic

Climbing, Badminton, Gym workout