Hugo **Bollon**

BACKEND / DEVOPS ENGINEER & OPEN SOURCE ENTHUSIAST

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Summary

Passionate software engineer specialized in **Go** and **Open Source**, with solid experience in **backend development** and **DevOps engineering** (Kubernetes, AWS, CI/CD). After several years designing and maintaining cloud platforms, I now wish to put my skills and motivation to work on high-impact projects as a **Backend or Fullstack engineer**.

Skills

Languages	Go, Python, Java, C/C++, JavaScript, TypeScript, Bash
Frontend	Vue, Angular
Backend	API REST, Gorm, Gin, Echo, Gorilla Mux
DevOps	Kubernetes, Docker, Helm, ArgoCD, Pulumi, Terraform, GitOps, AWS (EKS, RDS, EC2, ECS, Fargate), IaC, CI/CD
Database	PostgreSQL, SQLite, Neo4j
Environments	Linux, Git, GitHub Actions, GitLab CI
Languages	French (native level), English B2 (TOEIC 905), Japanese A1 (learning)

Experience

Camptocamp SA — *Chambéry, France*
DEVOPS ENGINEER — *Sep. 2021 - Present*

- Design, automation, and maintenance of Kubernetes clusters with multiples cloud providers (AWS, Exoscale, Scaleway) using Infrastructure as Code (Pulumi, Terraform) for reliable and scalable platforms.
- Backend development in Go for internal tools, APIs, and automations. External open-source contributions (Terraform providers, Zitadel, etc.).
- Open-source lead for the Infrastructure department: management, maintenance, and evolution of Camptocamp Infrastructure Solutions' publicly licensed projects.
- Design and management of CI pipelines to automate build, lint, test, and release stages, using Github Actions and Dagger.
- Implementation of CD pipelines based on GitOps practices with ArgoCD, ensuring automated, reproducible, and secure Kubernetes deployments.
- Containerization and orchestration of workloads: Docker image design, Docker Compose configuration, orchestrated deployments with Kubernetes, and containerized CI with Dagger.
- Close collaboration with the Geospatial department: development of scripts and tools in Python and JavaScript (Vue 3, Angular), design of Helm charts, and optimization of Docker images for packaging and deploying their applications.
- Deployment and configuration of Monitoring, Logging, and Alerting solutions (Prometheus, Elastic, Grafana).
- Federated OIDC authentication via Keycloak and Zitadel.

Camptocamp SA — *Chambéry, France*
GO DEVELOPER INTERN — *Jun. 2021 - Sep. 2021*

- Development and maintenance of Terraboard (Terraform observability tool).
- Migration of the frontend from AngularJS to Vue 3 / TypeScript.
- Backend API development in Go (Gorm, Gorilla Mux).
- Writing unit tests and CI/CD automation.

LAET - ENTPE — *Chambéry, France*
ANDROID DEVELOPER INTERN — *Jan. 2020 - May 2020*

- Native Android app (Java) for digitizing the Urbalog board game with multi-device support using Nearby Connections API.

Education

University Savoie Mont-Blanc — *Le-Bourget-Du-Lac, France*
MSC COMPUTER SCIENCE (WITH HONOURS) — *2020 – 2022*

University Savoie Mont-Blanc — *Le-Bourget-Du-Lac, France*
BSC COMPUTER SCIENCE (WITH HONOURS) — *2017 – 2020*

High School of l'Albanais — *Rumilly, France*
SCIENTIFIC BACCALAUREATE (ISN) — *2014 – 2017*

Certifications

- **TOEIC**: 905/990 (Feb 2022) — Listening: 440/495 (B2), Reading: 465/495 (C1)
- **AWS Certified Cloud Practitioner** (June 2023) — ID: PST3Q8DCVE41Q5GD

Strengths

Takes initiative   Self-taught   Sociable   Attentive to requirements   Fast learner   Team spirit