

Roger Brascó Garcés

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EDUCATION

B.Sc. in Mathematics, Minor in Computer Science

University of Barcelona

Barcelona, Spain

Sep 2016 – Dec 2021

WORK EXPERIENCE

Infrastructure Engineer

Amsterdam, Netherlands

Peaks Financial Institution

Dec 2023 – Present

- Cleaned up **legacy infrastructure** in AWS, reducing costs by **15%**.
- Developed and executed an upgrade plan for the **EKS Production Cluster** from 1.22 to 1.29.
- Built a new **CI/CD Jenkins** solution with a **CasC** approach, decommissioning the legacy **GOCD**. Utilized EKS for ephemeral workers due to network topology constraints.
- Implemented **IaC** setup by centralizing drifted broken states into a single mono repository.
- Addressed **AWS SecurityHub** findings, ensuring compliance with **PCI security standards**.
- Implemented custom RDS backup solution and other tools using **GOLANG**.
- Used **ECS** to serve internal tooling such as GitHub runners, Grafana, and Jenkins.
- Developed internal **GitHub** Actions workflows, migrating legacy pipelines.

Junior DevOps Engineer

Valladolid, Spain

MLean Continuous Improvement Software

Jul 2022 – Nov 2023

- Successfully implemented a cost-saving policy, driving a remarkable 13% reduction in infrastructure costs.
- Proactively optimized **CICD Jenkins** pipelines, streamlining software delivery processes and enhancing efficiency.
- Effectively managed a fleet of 400+ **AWS EC2** Instances by leveraging **Ansible**, resulting in seamless operations.
- Utilized **Terraform** to architect a resilient single-tenant infrastructure, providing reliable solutions for 80+ clients.
- Successfully executed the migration of a private **Docker Registry** to **AWS ECR**.
- Led the design and implementation of a pipeline for large-scale data migration from **AWS EBS** to **AWS S3**.

Junior Software Engineer

Barcelona, Spain

Shalion E-commerce Data

Feb 2021 – Jul 2022

- **Trained and mentored** remote teams overseas, improving their efficiency and skill sets.
- Gained hands-on **DevOps** experience, managing **Kubernetes** and monitoring daily pod executions.
- Developed a **Python scraping bot** with event queue architecture, ensuring smooth and reliable daily data flow.
- Created software solutions focusing on process **automation**, reducing manual tasks for the operations team.

Software Engineer Internship

Barcelona, Spain

Scytl Electronic Voting

Jun 2019 – May 2020

- Developed internal applications using **ReactJS** and **CICD** scripts using **Python** for **Jira** and **Bitbucket**.

SKILLS

Programming: Python, Golang, JavaScript, Bash, C Family, MySQL

Technologies: Git, AWS, Terraform, Jenkins, Ansible, Docker, Kubernetes

Languages: Spanish (Native), Catalan (Native), English (Professional)

CERTIFICATES

AWS Certified Solutions Architect – Associate

Jun 2023

AWS Services, Cloud Architecture, Solution Design, and Cost Optimization

HashiCorp Certified: Terraform Associate (003)

May 2023

Expertise in Terraform, Infrastructure Automation, and Cross-Platform Provisioning

PADI Professional Dive Master

Sep 2017

Instructor Assitant and Diving Guide