



Luca Berni Onses

ICT System Administrator

ABOUT ME

Experienced ICT System Administrator, born on April 23, 1998, with expertise in cloud infrastructure, automation, cybersecurity and AI. I'm passionate about continuous learning and enjoy simplifying complex technical challenges to enhance business operations.

LANGUAGES

| | | |
|------------------------------|--------------------------|--------------------------|
| Spanish Native | Italian Native | Catalan Native |
| English Proficient | | |
| Russian Basic | | |

CONTACT

Email
trabajoluca2@gmail.com

Portfolio
<https://github.com/luca-berni>

Location
Barcelona, Spain

WORK EXPERIENCE

ICT System Administrator

Alfred Smart Systems S.L.

Dec 2021 – Nov 2024

- Managed cloud infrastructure (DigitalOcean, Hetzner, AWS) and automated server tasks using Bash scripting, ensuring system reliability and performance.
- Implemented Infrastructure as Code (IaC) with Ansible and utilized AWS services (SNS, SES, S3, EC2) to optimize operations.
- Developed CI/CD pipelines with BitBucket and automated workflows using n8n, resulting in improved deployment efficiency.
- Monitored systems using Grafana, Prometheus, and Telegraph, ensuring timely response to performance issues.
- Conducted cybersecurity training for staff, emphasizing password best practices and implementing Security by Design protocols.

IT System Administrator

Grail Security Systems S.L.

Oct 2020 – Jun 2021

- Set up and managed a pentesting environment using Proxmox and Docker, providing employees with hands-on training in cybersecurity fundamentals.
- Oversaw virtualized and containerized environments to ensure system integrity and security across various infrastructures.

EDUCATION

Course in AI & Process Automation

UDIA – Madrid, Spain

Jun 2025 – Dec 2025

Specialization in LLMs: Deep dive into the implementation and fine-tuning of Large Language Models for business efficiency and technical support.

Process Automation: Designing and deploying AI-driven workflows to automate repetitive tasks and optimize operational costs.

AI Content Generation: Developing advanced prompt engineering techniques and workflows for automated, high-quality content creation.

Superior Technician in ICT System Administration

Institut Pedralbes – Barcelona, Spain

Jul 2019 – Jun 2021

- Graduated with a final grade of 10/10.
- Focused on network administration, systems security, cloud technologies, and DevOps methodologies.

ADDITIONAL INFORMATION

Driving License B (valid in the EU)

TECHNICAL SKILLS

- **Cloud & Infrastructure:** AWS (SNS, SES, S3, EC2, IAM), DigitalOcean, Hetzner, Oracle Cloud, Docker, Ansible
- **Automation & DevOps:** CI/CD pipelines, Bash scripting, Infrastructure as Code (IaC)
- **Programming & Scripting:** Python, JavaScript (Node.js, React.js), Bash, C++, C
- **Databases:** PostgreSQL, MySQL, MongoDB
- **Networking & Security:** TCP/IP, Nginx, Firewalls (IPTables), Security by Design
- **Tools & Version Control:** Git, BitBucket, Jira, Grafana