



# 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

<b>Spanish</b> Native	<b>Italian</b> Native	<b>Catalan</b> Native
<b>English</b> Proficient		
<b>Russian</b> Basic		

## CONTACT

**Email**  
trabajoluca2@gmail.com

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

**Location**  
Barcelona, Spain

## ADDITIONAL INFORMATION

**Driving License B** (valid in the EU)

## WORK EXPERIENCE

### ICT System Administrator

Alfred Smart Systems S.L.

Dec 2021 – Present

- 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

### 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.

### Italian High School Degree

Liceo Edoardo Amaldi – Barcelona, Spain

Jun 2001 – Jul 2017

## TECHNICAL SKILLS

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

