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 **Italian** **Catalan**
Native   Native   Native

English
Proficient

Russian
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