

Business Telecommunications Services is an ICT sector company with over 30 years of experience in telecommunications, specializing in the development and management of innovative projects in the global market, with presence in several countries.

What are we looking for?

Highly motivated individuals with initiative and a willingness to dive into the technological evolution of global telecommunications. In this position based in **Zaragoza**, you will be part of a team that supports the tech operations of some of the world's largest tech companies.

PAID INTERNSHIP OPPORTUNITY – CLOUD NUMBERS DEPARTMENT

Junior Support Cloud Numbers

We offer

- **Join a leading company:** Become part of a high-tech company with strong international growth and continuous development prospects.
- **Dynamic work environment:** Work in a young and energetic setting where personal and professional growth is a priority.

Position description:

The selected candidate will join the **Cloud Numbers area**, collaborating in the management of telecommunications platforms and high availability distributed systems. Responsibilities include:

- Installation, configuration, and maintenance of systems in Linux environments.
- Monitoring the Cloud Numbers infrastructure, with a focus on service availability and quality.
- Detection, analysis, and resolution of incidents related to:
 - Communication protocols (mainly SIP).
 - Call signaling and routing systems (Kamailio, Asterisk, or similar).
 - Distributed systems and middleware (Kafka, Cassandra).
- Basic IP network management and internal user support.
- Documentation of technical and operational procedures.

Technical requirements:

- Solid knowledge of Linux systems (Ubuntu, Debian, CentOS, etc.).
- Understanding of VoIP communication protocols, especially SIP (sessions, registration, routing, NAT, troubleshooting with tools like sngrep, tcpdump, Wireshark).
- Basic knowledge of Cloud Numbers infrastructure and numbering services in telecom environments.
- Basic experience in IP network administration, including:
 - Subnetting, VLANs, and basic routing.
 - Firewalls (iptables, ufw, or firewallld).
 - Network services (DNS, DHCP, NTP, SSH).
- Experience with monitoring tools (Nagios, Prometheus, Grafana).
- Bash scripting for task automation.
- Ability to document configurations and procedures.
- Basic understanding of network and server security.

Desirable skills:

- **Cassandra:**
 - Basic understanding of its distributed architecture.
 - Ability to install, monitor, and perform basic maintenance.
- **Apache Kafka:**
 - Knowledge of brokers, topics, and zookeepers.
 - Ability to perform basic administrative tasks.
- **Proxmox VE:**

- Installation and management of containers and virtual machines.
 - Storage and snapshot management.
- **VPNs and secure tunneling** (OpenVPN, WireGuard).
- Basic knowledge of Docker or LXC.
- Experience with version control tools like Git.
- Basic understanding of high availability (HA) and load balancing.

Preferred Education: Systems Administrators, degrees in Computer Engineering or Telecommunications, etc.

Languages: High level of English.

Location: C/Josefa Amar y Borbón, 10, 3ª Planta, 50001, Zaragoza.

Visit our website: www.bts.io

Send your CV to: recursos_humanos@bts.io