4.1 Job Posting for Researcher at **OZZIE**.

OZZIE Robotics: 7th km Thessalonikis-Neon Moudanion, Pilea, Thessaloniki

Eligible sending organisations

JSI, ULUS

Role title

Network Engineer - Robotics

Environment

OZZIE Robotics is a spin-off company of CERTH, specialised in the development of mobile service robots. OZZIE develops mobile robot platforms, both for indoor and outdoor environments and for diverse application cases. By combining the research background of its founding members from CERTH with practical service robot solutions, OZZIE provides an excellent environment for young researchers to see how research outcomes lead into robot products in practice.

What you will work on

The secondee will:

- Be engaged in the **development of advanced software modules** for the OZZIE robots, particularly contributing to the development of software modules for the implementation of **reliable and secure communication** between the robots and the infrastructure of the facilities they operate in.
- Contribute to the **setup and configuration of the networks** that connect the robots, their control systems and the facility (Wi-Fi, 5G, RF, Starlink, etc.).
- Help **monitor and troubleshoot connectivity**, keeping robots operating where downtime is critical.
- Support the application of **cybersecurity good practices** to protect the robots and the data they exchange.
- Participate **in team meetings/stand-ups** and undertake **independent tasks with clear objectives**, with support from the OZZIE team.

What you will gain

- Advanced understanding of how **communication networks for mobile service robots** are designed and operated in practice.
- **Hands-on experience** with the networking and security requirements of robots in critical industrial environments.
- Enhancement of **networking, Linux and C++/Python programming** capabilities.
- Where possible, participate in relevant **training/events** within OZZIE's ecosystem.

Desired profile

The position entails the configuration of networks and the development of software modules in C++ and/or Python programming languages, for ROS-based robots. As such:

- **Diploma in Electrical/Computer Engineering, Computer Science** or a related field.
- Understanding of **computer networking fundamentals** (TCP/IP, routing, Wi-Fi, VLANs).
- Programming skills in **C++/Python**.
- Familiarity with **cybersecurity** methods and approaches is a plus.
- Comfortable working with **Linux**.
- Experience in **ROS/ROS2** is a plus.
- **Excellent command of English** (C2 level).
- Strong **organisational, teamwork and communication** skills.

Duration & Flexibility

3 months between May and November 2027

Can be split into separate stays of at least 6 weeks each (for example 2 x 6-8 weeks) upon agreement.