



## **JD – Utility Robot Developer**

Auki Labs helps robots see the world around them. We use our decentralized computing tokenized network to help devices understand where they are and what they are looking at. Auki's mission is to improve civilizations intercognitive capacity, help computers think, and solve for better human & AI interactions.

At Auki Labs, we believe in empowering our team members to grow alongside the company. You'll have the opportunity to work on groundbreaking projects, develop new skills, and drive real impact at the company & for broader society. Our culture of innovation and continuous learning ensures that your career trajectory will be as ambitious as the technologies we're building.

### **Responsibilities:**

- To support development on 3<sup>rd</sup> Party hardware to enable them access to the posemesh
- Aid in developing tools to support robotic functionality
- Support 3<sup>rd</sup> Party releases on the Auki-Robotics public repository
- Develop ROS / ROS2 packages for Auki Robotics tools
- Assist in developing specific use-case applications for robotic platforms
- Contribute to other hardware projects, such as wearable devices for posemesh integration

### **Requirements:**

- Extensive knowledge of Python
- Proficient in C++
- Applied knowledge of ROS / ROS2, specifically NAV2, LiDAR, and Depth Camera systems
- Deep knowledge of Ubuntu Linux
- Comprehensive knowledge of camera integration (G-Streamer, FFMpeg)
- Solid understanding of camera optimization
- Experience with inter-device communication over Ethernet and WiFi, supporting interfaces such as MQTT or peer-to-peer networking

To apply for this position, please send your CV to [agnes@aukilabs.com](mailto:agnes@aukilabs.com).

*Auki Labs Limited Confidential*