

Sastra Robotics India Pvt Ltd is seeking an accomplished full-time 'Robotic Software Engineer', who has 3 to 5 years of experience developing software for robotics and automation systems.

Responsibilities

- *Designing the architecture, code, tests and documents for the control software for robot manipulators.
- *Developing the control system and motion planning of robot manipulators
- *Managing and maintaining version control of all the software developed.
- *Designing the user interface and visualisation software for the robot manipulator.
- *Writing device drivers for custom hardware.

Requirements

- *Expertise in C++ and Python.
- Knowledge of motion planning and control algorithms.
- *Proper versioning and maintenance of the software using tools like git.
- *Experience working with buses like EtherCAT, CAN, RS232 etc
- Knowledge of GNU/Linux concepts
- *Good knowledge of ROS.

Bonus Skills

- *Experience in GUI development using frameworks like Qt, VTK, OpenGL.
- *Should have made a robot in the past by himself / herself, or was a significant part of team that did that.
- *Stronghold on one particular robotics domain (through advanced academic degree or work experience), while still being knowledgeable about other domains.

Preferred Qualification

B.Tech/M.Tech/MCA/Masters in computers or equivalent.
Employment type: Full-time job
Place: Cochin, Kerala, India

About us

Sastra Robotics India Pvt Ltd is one among worlds top 50 startups 2017, we make robotic manipulators for device testing.