1. Baxter Research Robot MoveIt! Tutorial

https://www.youtube.com/watch?v=1Zdkwym42P4

2. MoveIt! is state of the art software for mobile manipulation, incorporating the latest advances in motion planning, manipulation, 3D perception, kinematics, control and navigation. It provides an easy-to-use platform for developing advanced robotics applications, evaluating new robot designs and building integrated robotics products for industrial, commercial, R&D and other domains.

   MoveIt! is the most widely used open-source software for manipulation and has been used on over 65 robots. See the Robots page for a list of some of the robots that MoveIt! is being used with.

http://moveit.ros.org/