



JOB ANNOUNCEMENT OF MICRO GENESIS TECH SOFT

It is hereby informed to all the final year students that, the **MICRO GENESIS Tech Soft** would like to conduct recruitment drive for CSE, ECE & EE branches of 2022 graduates.

Interested candidates are required to register in the below link by 2PM, 20th December 2021.

Registration Link: <http://tnp.rgukt.ac.in/login.php>

Qualification	B. Tech. CSE, ECE & EE
Year of Graduation	Final year students (2022)
Percentage Criteria	7.5 CGPA and Above
Compensation	3 to 3.5 LPA
Work Location	Bangalore

KeySkills : ROS1, ROS2, C++, SLAM, Algorithms, Linux

Roles and responsibility:

Nature of work includes generation of ground-truth datasets, exploration of open-source SLAM related libraries, implementation of SLAM algorithms for mix indoor-outdoor environment using point cloud sensors (from 2D/3D/LiDAR, RGBD sensors), writing adapter and wrapper codes, simulation environment setup, simulation experiment design, code development for algorithms, testing of developed modules and relevant documentation pertaining to these software engineering activities.

Your profile

The candidate should be extremely proficient with C++ with strong communication and problem-solving skills, and a desire to get things done.

1. Degree/ Master Degree in Engineering.
2. Should have strong and clear understanding of OOPs concepts.
3. Capability to write thread-safe codes using standard C++ library or boost library
4. Basic knowledge of ROS and eagerness to enhance the language in the given timeline
5. Time oriented, self-driven and inquisitive

Education: B.E / B.Tech / M.Tech / MS (Engg or by Research) in CSE/ EE/ ECE/ Mechatronics/Aero with the first class (65% marks or 7.5 out of 10 CGPA).

-->> Personnel with non-CS background must have certification of completion in the following courses (certificate from the NPTEL, Coursera, EdX, or any other MOOC are also accepted):

Design and analysis of the algorithm.C++.

Data Structure.

Desired Candidate Profile:

1. Knowledge of C++ (standard 2014 or newer)
2. Advanced C++ skills, ability to define and write code with templates, Standard Template Libraries (STL), Lambdas, and other C++ 2014 standard constructs.
3. Knowledge of Software Development using the Robotic Operating System (ROS).
 - a. ROS-1 version Melodic or newer.
 - b. ROS-2 version Eloquent Elusor or newer.
 - c. If possible, experience in development of packages, use of services and action-lib, Use of ROS provided development and build tools, is good to have, but not mandatory
 - d. Use of IDEs such as VSCode, Eclipse, KDevelop, or QtCreator.
4. Ability to write build scripts and knowledge of build systems such as Makefile, CMake, and Ninja.
5. Documentation.

Note – These skills are good to have but not mandatory!

Selection Process: Shortlisted candidates will go through different rounds of interview to analyze their technical knowledge, followed by HR round. We reserve the rights to modify the selection process and the decision made by MicroGenesis TechSoft will be final.

Benefits –

- Our benefits include:
- Comprehensive Health and Wellness Benefits (Medical, Dental, Vision, and more)
- Paid vacation, personal days, holidays, and sick leave
- Paid Parental Leave
- Life and Disability Insurance
- Company Equity or Stock Options
- Training and Professional Development investments

COVID-19 Vaccination Statement

COVID-19 vaccinations are required; all prospective hires will be required to provide their vaccination status.

About Company

MicroGenesis TechSoft is a leading technology solution provider specialized in Application Lifecycle Management, DevOps, Systems Engineering, Testing, Development, IoT and more. Over the last 17 years MicroGenesis has been working along with its partners enabling customers develop and deliver software faster and more efficiently. We offer a wide range of Technology Solutions and Services - from product consulting to implementation and system integration to managed services across the industries and their business needs.

Visit MicroGenesis TechSoft to learn more about our culture, benefits, and opportunities. We hope you'll join us!

**Sd/-
T & P Office**