GARUDAASTRA
Aeroinventive Solutions Private Limited
CIN: U29100TG2019PTC135880

Job Designation	Drone Program Developers
Dated On	11-11-2020
Qualifications	B.Tech/B.E/M.Tech/Ms in Aerospace/Electrical/Electronics / Mechanical Engineering (Aero/ECE/EEE/Mech) with less or **1-2 years experience**.
Job Location	Begumpet, Hyderabad

About Company:

GARUDAASTRA, Established in 2019 by swarm of young and zestful Aeronautical engineers, passionate about design, development and deployment of Aerial & Space vehicles. Our Journey started by bringing flying capabilities for various well -known venture's and failure Unmanned Aerial Vehicle models through redesigning with optimization. Consequently experimenting, learning and experiencing the art of engineering design led us here in the Unmanned Aerial Vehicle /Drones realm, featuring and demonstrating the real-time challenges of UAV applications with present-day.

GARUDAASTRA also provides all CAE services & Product Development Services to different Engineering fields like Aerospace & Defence, Automotive, and Marine, Railways, Oil & Gas etc.

We offer the innovative design for unmanned aerial systems to meet challenging applications in current world scenario and customization in existing design to increase the number of solutions. We also extend our expertise in Design, Development and services to all UAV based industries and manufacturers other drone service providers.

Job Description

Skills:

Language: Python, Java, C/C++

OS: Linux

Applications Programming:

PID Programming:

Figure out programs for running various motors (Brushless,Stepper, Servo) from various boards such as Arduino, Raspberry Pi and so on.

API Programming:

Understanding APIs and even knowledge of creating and integrating with other tools.

Object- oriented programming:

AI/ML, Computer Vision, SLAM, Control Systems, Web/Mobile, User experience (UX)/SDK

Responsibilities and Duties:

- Develop, manage and support the end-to-end integration of software platforms into customer drone solutions and applications - on the drone and on the ground controller
- Leverage your understanding of software development into our PX4-based and QGC-based software platform to support customer use cases and applications
- Closely work with remote R&D engineering teams to further build & grow our platform and product offering in an agile software development workflow.
- Investigate, troubleshoot and fix software issues and bugs
- Manage your day-to-day development activity with giteasy-to-read and easy-to-maintain git histories consisting of small, well-commented commits.
- Working with ROS, OpenCV, Gazebo, UNITY and understanding of sensor fusion with running algorithms on hardware for real-world scenarios.
- Open to learning new technologies
- Knowledge of UAV/UGV/Any Rover applications is a plus
- The ideal candidate will be responsible for developing high-quality applications.

- They will also be responsible for designing and implementing testable and scalable code.
- Self-motivated individual with little guidance and with the ability to work and communicate effectively within a development group is desired.
- Ability to focus on mission-critical essential functions of the job and organize work in an efficient manner
- Team player
- Driven individual, passionate about algorithms, algorithm development

Mail your Resume to: **careers@garudaastra.com**