



GARUDAASTR

Aeroinventive Solutions Private Limited

CIN: U29100TG2019PTC135880

Job Designation	Drone Hardware 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:

GARUDAASTR, 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.

GARUDAASTR 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

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OS : Linux

Requirements :

- PCB Design Skill
- Excellent Soldering and Wire Harnessing Skills
- Hands-on-experience with various measuring tools and electronics & its wiring
- Capable of interfacing with sensors, gateways, and transceivers using embeddedstack protocols and edge computing.
- IoT platforms and sensors for such as navigation, communication and so on.

Responsibilities and Duties:

- Understanding of EMI-EMC requirements as per standards.
- PCB Layout & Designer & Electronics Simulations.
- Good knowledge of PCB Design and Manufacturing process.
- Lead the design and development of new power supply technologies for improvements in performance and efficiency. Products include powers supply units, voltage/power converters, alternators / generators, starters, batteries
- Perform computer-based component, circuit, and system simulation to prove out design performance and compliance with product specifications
- Implement and perform validation tests and design-proving tests



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- Lead the development of component specifications, failure mode avoidance disciplines and core design validation
- Work on UAV/Drone power & electronic systems
- Work on UAV control design and build including development of ground control and communication systems.
- Onsite UAV related testing, operations and demonstration activities.

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