ROBOTICS ENGINEER

Robotics Engineer

Job Title: Robotics Engineer

Location:
[Location] (Opportunities for remote/hybrid/flexible work available)

Reports to:
[Hiring Manager's Job Title, e.g., Director of Engineering or Robotics Lead]

Role Purpose
We are seeking an experienced and innovative Robotics Engineer to join our dynamic team at [Company Name]. Based in [Location] with flexibility for remote or hybrid work, this role offers the opportunity to be a key contributor in the design, development, and deployment of cutting-edge robotic systems that will enhance our offerings in [specific sector or product type, if applicable]. As a Robotics Engineer, you will play a pivotal role in transforming complex problems into practical, efficient robotic solutions that deliver measurable value to our clients. This is a chance to work with advanced robotics technology, collaborate with industry experts, and drive forward our commitment to innovation.

Company Overview
Summarise your company and it's culture.[e.g. [Company Name] is a leading [sector] company specializing in [e.g. developing advanced artificial intelligence solutions for specific industry or application]. Our mission is to [company mission]. We foster a collaborative and inclusive work environment that encourages creativity and professional growth.] Include USPs and technical innovation or focus that will appeal to the ideal candidate [e.g. Recognized as one of the "Best Places to Work" by [Awarding Body], we are committed to excellence in AI technology.]

Key Responsibilities
- Design and development of robotic systems and applications tailored to meet requirements. This includes drafting concepts, prototyping, and implementing solutions that align with project goals.
- Work closely with engineering, product, and operations teams to integrate robotic solutions seamlessly into our products and services. Ensure alignment across teams and adapt solutions based on feedback.
- Program robotic equipment and write efficient, reliable code in languages like C++, Python, or Java. Conduct rigorous testing to ensure that robots perform optimally in real-world applications.
- Diagnose and resolve technical issues with robotic systems promptly to minimize downtime and ensure high performance in operational environments.
- Stay informed on the latest advancements in robotics, automation, and AI. Continuously seek opportunities to incorporate innovative techniques and new technologies into our robotics projects.

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- Develop comprehensive technical documentation, including design specifications and user manuals, to support system deployment and maintenance. Provide training and technical support for team members and clients.
- Ensure all robotic systems meet industry safety standards and regulatory requirements. Implement safety protocols and assess risks in collaboration with the safety and compliance teams.
- Provide technical guidance, training sessions, and support for both internal team members and external clients, fostering a knowledge-sharing environment and empowering users to operate and maintain systems effectively.

Required Skills and Qualifications

- Bachelor's or Master's degree in Robotics Engineering, Mechanical Engineering, Electrical Engineering, or a related discipline.
- Demonstrated experience in designing, developing, and deploying robotic systems for commercial or industrial applications. Hands-on experience with mechanical, electrical, and software aspects of robotics.
- Strong programming skills in languages such as C++, Python, and Java, with a deep understanding of robotic frameworks like ROS (Robot Operating System).
- Proficiency in CAD software (such as SolidWorks, AutoCAD) for designing and simulating mechanical components.
- Strong grasp of mechatronics, control systems, kinematics, sensor integration, and motion planning.
- Excellent troubleshooting abilities, capable of identifying, analyzing, and resolving complex technical issues efficiently.
- Ability to work effectively in a cross-functional team and communicate complex concepts to both technical and non-technical stakeholders.
- Meticulous in approach with a commitment to upholding safety standards and ensuring operational reliability.
- Familiarity with machine learning algorithms for robotics, computer vision, or other advanced automation technologies.
- Ability to manage project timelines, track deliverables, and prioritize tasks to meet deadlines efficiently.
- Certifications in robotics or related fields are an added advantage.

Perks and Benefits:
Clearly outline the benefits and perks of the role.

How to Apply:
End with a strong call to action encouraging candidates to apply. Include a direct link to the application page and provide contact information for further queries.

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Please ensure each job description includes all relevant information in compliance with local, state, and national laws. This includes:

- **Salary Information:** Provide a clear salary range to maintain transparency and meet legal requirements.
- **Privacy Policies:** Protect candidate privacy by following all applicable data protection and privacy laws.
- **Equality & Non-Discrimination:** Include an equal opportunity statement to uphold our commitment to a diverse, inclusive workplace that does not discriminate based on race, gender, age, disability, or any other protected characteristic.
- **Accessibility:** Make reasonable accommodations available for candidates with disabilities and include information on how they can request assistance throughout the hiring process.
- **Environmental and Social Responsibility:** If your company has sustainability initiatives or community engagement programs, mentioning them briefly can attract candidates who prioritize working for socially responsible employers.
- **Transparent Hiring Process:** Briefly explain the hiring process (e.g., "Our interview process typically includes three stages: an initial screening, a technical interview, and a final interview") to help candidates know what to expect.

Get In Touch

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