

Job Title: Embedded Developer

Location: Jaipur, India

Salary: 8 LPA

Experience: 2-4 Years

Education: BTech (Electronics / Electrical) & Above

About Genus Infrastructure:

Genus Infrastructure is a leading player in the renewable energy sector, specializing in the design and development of innovative solutions for sustainable power generation and distribution. With a commitment to driving technological advancement, we are dedicated to creating cutting-edge products that address the world's energy challenges. As we expand our operations, we are seeking a talented Embedded Developer to join our team in Jaipur.

Responsibilities:

- Design hardware for Battery Management Systems (BMS), ensuring optimal performance and compatibility with lithium chemistry.
- Develop software-based BMS solutions in accordance with AIS156 standards, leveraging expertise in embedded systems and programming languages.
- Demonstrate comprehensive knowledge of lithium chemistry to inform the design and optimization of BMS hardware and software.
- Collaborate closely with cross-functional teams to integrate BMS solutions into various renewable energy projects.
- Conduct thorough testing and validation of BMS hardware and software to ensure reliability and compliance with industry standards.
- Stay updated on the latest developments in embedded systems and lithium battery technology, actively contributing to the continuous improvement of BMS design and implementation.
- Support the deployment and maintenance of BMS solutions in real-world applications, troubleshooting issues and implementing necessary updates as required.

Requirements:

- Bachelor's degree or higher in Electronics or Electrical Engineering, or a related field.
- 2-4 years of experience in embedded systems development, with a focus on hardware and software design.
- Proficiency in programming languages commonly used in embedded systems development.
- Strong understanding of lithium chemistry and its implications for BMS design and optimization.
- Prior experience with AIS156 standards and BMS development will be advantageous.
- Excellent problem-solving skills and attention to detail.
- Effective communication skills, with the ability to collaborate with cross-functional teams and external stakeholders.

Benefits:

- Competitive salary package with additional benefits.
- Opportunities for career growth and advancement within a leading organization in the renewable energy sector.
- Work in a collaborative and innovative environment with a passionate team of professionals.
- Comprehensive benefits package including health insurance, retirement plans, and more.
- Located in Jaipur, a vibrant city known for its rich cultural heritage and quality of life.

Application Process:

- Interested candidates meeting the above requirements are encouraged to apply by submitting their resume and a cover letter highlighting their relevant experience and qualifications.
- Shortlisted candidates will undergo 2-3 virtual rounds of interviews to assess technical skills, problem-solving abilities, and cultural fit within Genus Infrastructure.

Join us in driving the transition towards a sustainable energy future! Apply now to contribute to our mission of revolutionizing the renewable energy sector with innovative solutions.