

Senior Electrical Engineer

Job Type: Full-Time

Location: Diamondhead, MS.

About the Role

We are seeking an experienced **Senior Electrical Engineer** to join our growing engineering team. The ideal candidate will lead the design, development, testing, and integration of electrical systems while providing technical leadership on complex engineering projects. This position requires a motivated professional who can work independently, collaborate across disciplines, and mentor junior engineers.

Responsibilities

- Design, develop, and analyze electrical systems and components for commercial and government projects.
- Create and review electrical schematics, wiring diagrams, and technical drawings.
- Perform electrical calculations, system analysis, and component selection.
- Support prototype development, testing, troubleshooting, and system validation.
- Ensure designs comply with applicable industry standards, customer requirements, and regulatory requirements.
- Coordinate with mechanical, software, manufacturing, and project management teams throughout project lifecycles.
- Prepare technical reports, engineering documentation, and design packages.
- Review the work of junior engineers and provide technical guidance and mentorship.
- Participate in customer meetings, technical reviews, and design presentations.
- Identify opportunities to improve engineering processes and design efficiency.
- Support proposal development and technical cost estimating when required.
- Perform other duties as assigned.

Required Qualifications

- Bachelor's degree in Electrical Engineering from an accredited institution.
- 4-7 years of professional electrical engineering experience.
- Strong understanding of analog and digital circuit design.
- Experience creating electrical schematics and technical documentation.
- Proficiency with electrical design and CAD software.
- Experience troubleshooting electrical systems and supporting product testing.

- Excellent analytical, problem-solving, and communication skills.
- Ability to manage multiple projects and meet deadlines.
- Ability to obtain and maintain any required government security credentials.

Preferred Qualifications

- Professional Engineer (PE) license preferred.
- Experience supporting U.S. Government or DoD programs.
- Bachelors Degree.
- Experience with PCB design, embedded systems, or FPGA development.
- Knowledge of power distribution, controls, instrumentation, or communications systems.
- Experience with system integration and environmental testing.

Benefits

- Competitive salary
- Health, dental, and vision insurance
- Flexible Spending.
- 401(k) with company match
- Paid time off and company holidays
- Professional development and training opportunities
- Collaborative, team-oriented work environment