NOW HIRING | ELECTRICAL ENGINEERING

Circuit Design Electrical Engineer

Pelican Engineering | Lafayette, Louisiana | Full-time, on-site

LOCATION	Lafayette, LA 70503 (on-site; must be able to commute)
JOB TYPE	Full-time
PAY	From $60,000 per year
EDUCATION	Bachelor's degree (required)
EXPERIENCE	1 year of professional electrical engineering experience (required)
LICENSE	Louisiana Professional Engineer license (preferred)

About Pelican Engineering

Pelican Engineering integrates engineering and manufacturing into one continuous process, which helps companies move from concept through production with greater speed, confidence, and continuity. Our mechanical, electrical, and firmware engineers work alongside our electronics manufacturing (PCBA) floor every day, and customers work directly with the engineers doing the work. Our project portfolio spans industries including energy, manufacturing, defense, and healthcare.

The Role

We're hiring a Circuit Design Electrical Engineer to design and test the circuitry inside our customers' products. You'll work on projects from initial concept through final production, collaborating with clients, project managers, and other engineers to turn requirements into working hardware.

What You'll Do

- Design and test analog and digital circuitry for products across a range of industries.
- Create detailed diagrams, flowcharts, calculations, electrical schematics, PCB layouts, operating procedures, and test procedures.
- Assist in writing embedded firmware for microcontrollers.
- Collaborate with clients, project managers, and other engineers to understand project requirements and deliver effective solutions.
- Make sure every design meets project specifications, industry standards, and regulatory requirements.
- Take part in every phase of the project lifecycle, from conceptual design and feasibility studies through prototyping, testing, and final production.
- Provide technical support and guidance throughout project execution.
- Keep current on industry trends and technologies so that our designs keep improving.

What We're Looking For

- ABET-accredited Bachelor of Science in Electrical Engineering, or a Bachelor of Science in Computer Science with a focus on digital embedded systems.
- At least 1 year of professional electrical engineering experience.

- Competency in power system circuitry (MOSFETs, transistors, etc.) and communication protocols (I2C, SPI, UART, Ethernet, etc.).
- Proficiency in schematic capture and PCB layout software (Altium, KiCAD, etc.).
- Hands-on proficiency with multimeters, oscilloscopes, and other electrical analyzers.
- A strong understanding of electrical engineering principles and of prototyping, testing, and troubleshooting processes.
- Problem-solving skills, attention to detail, and the ability to manage projects and meet deadlines.
- Clear communication and the ability to work well on a team.

Preferred

- Competency in analog and mixed-signal circuitry (ADCs, DACs, filters, etc.) and RF circuit design.
- Experience with embedded firmware languages and platforms, such as Embedded C.
- Louisiana Professional Engineer license, or active pursuit of one.
- Experience with project management and consulting.
- Knowledge of industry-specific codes and standards.

Why Pelican Engineering

You'll work on a wide mix of projects for customers in several industries, and because our engineers sit alongside our manufacturing floor, you'll see your designs built and tested in-house. We offer competitive compensation and support professional development, including assistance for continued learning.

Benefits: health, dental, and vision insurance; health savings account; life insurance; paid time off; and professional development assistance.

How to Apply

Send your cover letter and resume to **jobs@pelicanengineering.com** with "Circuit Design Electrical Engineer" in the subject line.

Work Authorization

Applicants must be authorized to work in the United States. Pelican Engineering is unable to sponsor or take over sponsorship of an employment visa for this position, now or in the future.

Equal Opportunity Employer

Pelican Engineering, L.L.C. is an Equal Opportunity Employer. We don't discriminate on the basis of race, color, religion, sex (including pregnancy, sexual orientation, and gender identity), national origin, age, disability, genetic information, veteran status, or any other characteristic protected by federal, state, or local law in any aspect of recruitment, hiring, promotion, compensation, or other terms and conditions of employment.

If you need a reasonable accommodation during the application or interview process, contact jobs@pelicanengineering.com.