



## NEW CAREER OPPORTUNITY

Build your career with Kraken Robotics.  
Make a difference to others.

If innovation drives you, and you want a career that makes a difference to the world, helping humanity overcome the challenges in our oceans – safely, efficiently, and sustainably – then come join us at Kraken Robotics.

[www.krakenrobotics.com](http://www.krakenrobotics.com)

## Senior Electrical Engineer

Based at Kraken Robotics Newfoundland or Nova Scotia, Canada  
Full-Time – Permanent | Job Reference: KRSI-2024-25

### ROLES AND RESPONSIBILITIES

Kraken is seeking a Senior Electrical Engineer to join our team. The position can be based at either our Mount Pearl, NL or Dartmouth, NS, Canada office location.

Responsibilities will include, but not limited to the following;

- Design and develop printed circuit boards (PCBs) for electronic systems, ensuring functionality, reliability, and manufacturability.
- Conducting circuit simulations using software tools to analyze and optimize circuit performance, ensuring compliance with specifications and standards.
- Designing wiring harnesses and cable assemblies for electrical systems, considering factors such as signal integrity, thermal management, and EMC/EMI compliance.
- Developing system architectures and integrating electrical components into larger systems, considering overall functionality, performance, and safety requirements.
- Leading electrical engineering projects from concept to completion. Support the project management office in developing work breakdown structures.
- Working closely with cross-functional teams, including mechanical engineers, firmware engineers, and product designers, to ensure seamless integration of electrical systems with other components.
- Direct activities to ensure that manufacturing, construction, installation, and operational testing conform to functional specifications and customer requirements.
- Developing test plans and procedures, conducting testing, and performing validation to ensure the reliability and performance of electrical systems.
- Establish design criteria for projects using required codes and standards.
- Participate in the design review process.
- Review and approval of engineering deliverables.
- Work with the Production department to provide technical assistance during the manufacturing process.



- Work with customers to understand project requirements and provide operational support while in the field.
- Mentor Electrical Engineers and Technologists.

## **QUALIFICATIONS AND EXPERIENCE**

- Electrical Engineering degree or equivalent engineering discipline with 8+ years' experience.
- Excellent design standards and strong troubleshooting skills.
- Effectively focus on high level project objectives while executing detailed design tasks.
- Incredible attention to detail.
- Demonstrated technical skills along with a proven track record for success.
- Experience in the design specification, installation and connection methods of electrical equipment.
- Design and review PCB Fab drawings, PCB Assembly drawings and provide input into new product designs.
- Strong written and oral communications skills (technical reporting).
- Strong analytical and problem-solving skills.
- Must be able to work independently, as well as effectively within a team environment.
- High degree of organization, with the ability to prioritize task.

## **Preferred Skills**

- Experience with the following would be considered an asset:
  - Experience with Altium.
  - Experience with Zuken E3.
  - Experience with Sonar systems especially in an ocean environment.
  - Experience with LabVIEW.
  - Experience with high voltages.
  - Experience with ABB motors and drives.
  - Experience with embedded controllers.

**TO APPLY:** Email your latest CV, stating job reference KRSI-2024-25 to: [careers@krakenrobotics.com](mailto:careers@krakenrobotics.com)

## Why come work at Kraken Robotics...



**Want to apply your skills, knowledge and expertise to push the boundaries of underwater intelligence – which help governments defend and make our oceans safe, or ensure critical offshore energy and communications infrastructure is installed and maintained efficiently?** If innovation drives you, and you want a career that makes a difference, helping humanity overcome the challenges in our oceans – safely, efficiently, and sustainably – then come join us at Kraken Robotics.

Kraken Robotics offers a unique career opportunity to work with an internationally recognized leader in ocean technology that is harnessing our world class talent to provide superior subsea solutions for global security, environmental, and scientific challenges. Our highly talented team design and manufacture technology platforms for NATO navies and commercial clients throughout the world and provide acoustic 3D Synthetic Aperture Sonar (SAS) data solutions and imaging in the offshore energy sector with increasing focus on offshore renewables.

Kraken offers an attractive and competitive compensation package designed to reward our team for a job well done. With locations around the world, we support remote working packages and encourage professional and cultural collaborations. Kraken is an equal opportunity employer focused on promoting diversity, equity, and inclusion and we value the diversity of our team that contributes to our company growth and development.

**To find out more about Kraken Robotics, and discover other exciting career opportunities, visit our website, or follow us on social media:**

<https://krakenrobotics.com/about/careers/>

