

## **Job Title: Senior R&D Engineer (Mechanical) and Team Lead- Konree Innovation**

### **Overview:**

We are seeking an experienced and innovative Senior R&D Engineer (Mechanical) to lead a team of talented engineers and contribute to the design and development of cutting-edge systems. This role combines leadership, mentorship, and hands-on design responsibilities, offering the opportunity to shape projects from concept to delivery. You will guide and collaborate with junior engineers while taking a leading role in mechanical design and R&D initiatives.

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### **Key Responsibilities:**

- **Team Leadership:**
    - Lead, mentor, and support a team of junior engineers (mechanical and electrical/electronic).
    - Delegate tasks effectively, manage workloads, and ensure project milestones are met.
    - Foster a collaborative and innovative team environment.
  - **Mechanical Design and R&D:**
    - Drive the design and development of mechanical systems and components.
    - Oversee prototype development, testing, and performance evaluation.
    - Identify and implement innovative solutions to complex design challenges.
  - **Project Management:**
    - Plan and manage projects from initial concept through to delivery.
    - Collaborate with multidisciplinary teams to ensure seamless integration of mechanical, electrical, and software elements.
    - Maintain clear communication with stakeholders regarding project status and progress.
  - **Documentation and Standards:**
    - Oversee the preparation and maintenance of detailed design documentation.
    - Ensure compliance with industry standards, safety regulations, and company policies.
  - **Hands-On Contribution:**
    - Actively participate in mechanical design, prototyping, and system testing.
    - Perform design reviews, troubleshoot issues, and refine solutions as required.
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### **Qualifications and Experience:**

- **Education:** Bachelor's or Master's degree in Mechanical Engineering, Mechatronics, or a related field.
  - **Experience:**
    - 5+ years of relevant industry experience, including hands-on mechanical design and R&D.
    - Some experience in mentoring or supervising team members.
    - Expertise in 3D CAD software
    - Strong understanding of material selection, mechanical systems, and prototyping.
    - Desirable experience in:
      - Harsh environment
      - Integration of mechanical and electrical systems.
  - **Technical Skills:**
    - Proficiency in testing methodologies and performance evaluation.
    - Knowledge of FEA or simulation tools is an advantage.
    - Familiarity with manufacturing techniques and design for manufacturability (DFM).
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#### What We're Looking For:

- **Leadership:** Someone ready to step into their first leadership role and grow their team management skills.
  - **Problem-Solving:** Strong analytical and critical thinking skills to tackle complex design challenges.
  - **Collaboration:** Excellent communication skills and a collaborative approach to working with multidisciplinary teams.
  - **Adaptability:** Ability to balance leadership responsibilities with hands-on design tasks.
  - **Innovation:** A forward-thinking mindset with a passion for R&D and continuous improvement.
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#### Why Join Us?

- **Leadership Opportunity:** Shape the direction of projects and mentor the next generation of engineers.
- **Exciting Projects:** Work on innovative and impactful systems in challenging engineering domains.

- **Professional Growth:** Access to ongoing training, development, and career progression opportunities.
- **Collaborative Culture:** Join a supportive, diverse, and innovative team environment.

#### **About Konree Innovation:**

Headquartered in Ireland, in culturally vibrant Galway city at the ATU iHub, Konree Innovation is developing technology-based pest management solutions for salmon aquaculture, initially targeting sea lice.

Salmon aquaculture produces a healthy, nutritious, low carbon footprint animal protein and this **industry can support a healthier planet, lower carbon economy and climate change via a dietary shift away from high carbon animal proteins.** The main salmon producing regions of the world are: Norway, Chile, Scotland, Canada, Iceland, Faroe Islands, Tasmania, New Zealand, and Ireland. However, the sea louse, a regulated pest is the #1 biological obstacle preventing the industry from growing.

Galway-based Konree Innovation is an exciting startup in the aquaculture technology area. Our aspiration is to make a global impact by helping solve one of the most persistent problems in salmonid aquaculture, the sea louse. By doing so, we will play our part in helping to transition planetary food production from high carbon footprint animal proteins toward a much lower one and ultimately playing a part in Climate Action.

**Do you want to join us and make a positive impact on the planet?**

**To have a chat and send your application please contact our CTO**

**[michael.flynn@konreeinnovation.com](mailto:michael.flynn@konreeinnovation.com) or CEO [margaret.rae@konreeinnovation.com](mailto:margaret.rae@konreeinnovation.com)**

#### **IMPORTANT NOTE:**

**Applications are only accepted directly from candidates. We do not accept unsolicited CVs from recruitment agencies and will not be liable for any fees in relation to such submissions**