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Jānis Skuja

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WORK EXPERIENCE

30/11/2024 – CURRENT Providence, United States

RIGGER EDP RENEWABLES / AERONES

- **1.**Make sure that the machinery is aligned, levelled and anchored
- **2.** Prepare loads for transport by inspecting and preparing them
- **3**.Operate cable, rope, pulley, winch, winches and other lifting equipment
- **4.** Select the right pulleys, booms, braces and cables for various jobs
- **5**. Assess the risks associated with lifting and moving heavy equipment through confined spaces
- **6.** Ensure that safety procedures comply with state laws and company policies
- **7.** Work closely with the rigging and construction teams
- **8.** Clean, dismantle and store rigging equipment after the job is complete

03/04/2024 – CURRENT Riga, Latvia

FIELD TECHNICIAN AERONES

Wind Turbine Blade Cleaning
Providing automated cleaning of wind turbine blades using robotic systems.
Removing dirt, dust, salt, and other contaminants that reduce the efficiency of the blades.
Wind Turbine Blade Inspection
Conducting detailed visual inspections of turbine blades for damage, wear, and structural integrity.
Using advanced sensors, cameras, and drones to assess blade conditions without requiring human climbers.
Wind Turbine Blade Repair and Maintenance
Performing robotic-based repairs on damaged or eroded blade surfaces.
Applying protective coatings and performing maintenance tasks to extend the lifespan of the blades.
Lightning Protection System (LPS) Testing
Inspecting and testing the lightning protection systems on wind turbines to ensure proper function and safety.
Utilizing robotic systems to access difficult-to-reach areas and ensure compliance with safety standards.
De-Icing of Wind Turbines
Offering robotic de-icing solutions to remove ice accumulation on turbine blades in cold climates.
Preventing ice buildup that can affect the performance and safety of wind turbines.
Wind Turbine Tower and Structure Maintenance
Performing inspections and maintenance of the turbine tower and related structures using robotic solutions.
Assessing corrosion, structural integrity, and potential safety issues.
Data Collection and Analysis
Gathering and analyzing data from inspections to provide detailed reports on the condition of wind turbines.
Offering predictive maintenance insights to help wind farm operators optimize performance and avoid downtime.
Automation and Efficiency Enhancement
Developing fully automated systems that reduce the need for manual intervention in turbine maintenance.
Enhancing operational efficiency and safety through the use of cutting-edge robotic technologies.
Safety and Risk Reduction
Reducing risks associated with human involvement in hazardous tasks like climbing turbines and working at height.
Ensuring safer and more efficient operations through robotics, eliminating the need for rope access techniques.
Blade Repair - inspect, identify, and repair any damages or defects in wind turbine blades

06/07/2023 – 02/04/2024 Liepāja, Latvia

SHIP ELECTRICIAN NATIONAL ARMED FORCES

1. **Maintenance and Repair of Electrical Systems**
   - Regular inspection, maintenance, and repair of all electrical systems and equipment on the ship.
   - Ensuring that lighting, control systems, and machinery are functioning properly.
   - Troubleshooting and fixing electrical malfunctions or faults.
2. **Monitoring and Managing Power Distribution**
   - Overseeing the ship's power generation and distribution systems, including generators and transformers.
   - Ensuring the safe and efficient operation of electrical power, including main and emergency power supplies.
   - Balancing power loads to prevent overloads and ensuring power stability across the vessel.
3. **Handling High Voltage Systems**
   - Maintaining and working on high-voltage systems, especially in larger vessels like cruise ships or tankers.
   - Ensuring proper safety procedures are followed while working with high-voltage equipment.
4. **Maintenance of Navigation and Communication Systems**
   - Ensuring that navigation and communication systems (e.g., radar, GPS, radios) are operational and correctly calibrated.
   - Conducting regular checks on these systems to ensure reliable functioning during voyages.
5. **Emergency Systems Maintenance**
   - Ensuring the proper functioning of emergency electrical systems, including emergency lighting, alarms, and backup generators.
   - Conducting periodic testing of fire detection and alarm systems.
6. **Installation of Electrical Equipment**
   - Installing new electrical systems or equipment, including control panels, motors, and wiring.
   - Ensuring installations meet marine regulations and safety standards.
7. **Automation and Control Systems Maintenance**
   - Monitoring and maintaining the ship's automation systems, such as the engine room's automated control systems.
   - Ensuring that automated systems for propulsion, steering, and other vital functions are functioning correctly.
8. **Energy Efficiency and Environmental Compliance**
   - Managing energy efficiency to reduce the ship’s fuel consumption and emissions by optimizing electrical system performance.
   - Ensuring electrical systems comply with international regulations on environmental standards.

19/12/2019 – 02/06/2023 Liepāja, Latvia

POLICE OFFICER STATE POLICE OF LATVIA

1. **Maintaining Public Order**
   - Ensuring the safety of citizens in public spaces.
   - Preventing and responding to public disturbances.
   - Monitoring and securing public events and gatherings.
2. **Crime Prevention and Investigation**
   - Preventing, detecting, and investigating crimes, including serious offenses like homicide, organized crime, and corruption.
   - Combatting cybercrime, drug trafficking, and other forms of criminal activity.
   - Collecting and processing intelligence to prevent criminal activities.
3. **Traffic Safety and Enforcement**
   - Ensuring traffic regulation and enforcing road safety rules.
   - Investigating traffic accidents and incidents.
   - Reducing traffic-related offenses and promoting safe driving behavior.
4. **Border Control and Migration Management**
   - Cooperating with the State Border Guard to monitor and protect Latvia’s borders.
   - Preventing illegal immigration, human trafficking, and cross-border crime.
5. **Public Safety and Emergency Response**
   - Responding to emergency calls and incidents.
   - Managing crisis situations, natural disasters, and public emergencies.
   - Providing assistance during large-scale accidents or calamities.
6. **Protection of State Interests**
   - Ensuring the security of state institutions, important infrastructure, and dignitaries.
   - Preventing and addressing activities that threaten national security, such as terrorism and sabotage.
7. **Cooperation with Other Law Enforcement Agencies**
   - Working with national and international law enforcement bodies, including Europol, Interpol, and neighboring countries' police forces.
   - Sharing intelligence and cooperating in cross-border crime investigations.

8. **Issuing Permits and Monitoring**
   - Issuing and monitoring permits for firearms, explosives, and other regulated activities.
   - Ensuring compliance with regulations governing private security companies and other sectors requiring oversight.

LANGUAGE SKILLS

Mother tongue(s): **LATVIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C2	C2	C2	C2
RUSSIAN	B1	A2	A2	A2	A2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DRIVING LICENCE

Driving Licence: A

Driving Licence: B

EDUCATION AND TRAINING

09/2024 – 09/2026 Riga, Latvia
SEA SURVIVAL BOTC training

Website https://botctraining.com

05/2024 – 05/2026 Riga, Latvia
FIRST AID BOTC training

Website https://botctraining.com

05/2024 – 05/2026 Riga, Latvia
FIRE AWARENESS BOTC training

Website https://botctraining.com

05/2024 – 05/2026
WORKING AT HEIGHTS BOTC training

Website https://botctraining.com

05/2024 – 05/2026 Riga, Latvia
MANUAL HANDLING BOTC training

Website https://botctraining.com

05/2024 – 05/2026 Riga, Latvia
ADVANCE RESCUE TRAINING - HUB RESCUE BOTC training

Website https://botctraining.com

09/2024 – 09/2025 Liepaja, Latvia
OGUK Forvaters

09/2024 – 09/2025
MEDICAL EXAMINATION OF SEAFARERS FORVATERS TERRA

05/2024 Riga, Latvia
SLINGER-SIGNALLER/RIGGER BOTC training

Website https://botctraining.com

02/2024 Riga, Latvia
SHIP ELECTRICAL COURSE LEVEL 1&2 The National Defence Academy of Latvia

09/2020 Liepaja, Latvia
LAW SCIENCE College of Law

03/2018 – 12/2019 Riga, Latvia
POLICE OFFICER QUALIFICATION State Police College

01/09/2005 – 01/06/2017 Aizpute, Latvia
HIGH SCHOOL DIPLOMA Aizputes Vidusskola

29/11/2024 – 29/11/2026 Riga, Latvia
ADVANCE RESCUE TRAINING - NACELLE Novikontas

28/11/2026 – 28/11/2026 Riga, Latvia
SINGLETON ADVANCE RESCUE TRAINING - NACELLE Novikontas

12/09/2024 – 12/09/2026 Riga, Latvia
CHESTER STEP Botc training

PROJECTS

09/2024 – 10/2024
GE Offshore project - Scotland, Edinburgh

- Offshore project in Scotland , Edinburgh . I worked there as a rigger -
- **Moving equipment**: Using tools like cranes, pulleys, and hoists to move heavy materials from one place to another.
- **Inspecting equipment**: Ensured that equipment is in good condition and safe to use.
- **Maintaining equipment**: Performed routine maintenance on lifting devices.
- **Loading and unloading**: Ensured that supplies are loaded and unloaded correctly and securely.
- **Responding to incidents**: Prepared to respond to safety incidents.

06/2024 – 07/2024
USA, Nebraska - Siemens project

internal blade inspection and blade repair services for wind turbines using advanced robotic systems. These inspections focus on assessing the condition of the inside of wind turbine blades, which are often difficult to access and inspect manually. Identifying cracks or fractures, replacing damaged sections, addressing erosion or lightning strike issues. This project was based in USA, Nebraska.

07/2024 – 08/2024
Siemens , GE project - USA,Texas

internal blade inspection services for wind turbines using advanced robotic systems. These inspections focus on assessing the condition of the inside of wind turbine blades, which are often difficult to access and inspect manually. This project was based in USA, Texas.

08/2024 – 09/2024
GE project - New Mexico

internal blade inspection services for wind turbines using advanced robotic systems. These inspections focus on assessing the condition of the inside of wind turbine blades, which are often difficult to access and inspect manually. This project was based in USA,New Mexico

10/2024 – 11/2024

Vestas blade repair project - Greece, Athens

Blade repair on the ground -

1. Surface cleaning
2. Determination of damages
Identify and analyze existing damage on the impeller surface, such as small holes, cracks, scratches, welds, corrosion, etc.
3. Doing the repair

30/11/2024 – CURRENT

VIneyard wind project - Rigger . USA, Providence

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