



Software Product Engineer

Location: virtual and/or San Diego, California

About WindSim Power

WindSim Power is a provider of high-performance Dynamic Line Rating (DLR) software and consulting services for power utility operators aiming to increase transmission capacity of existing power lines with no extra CAPEX. WindSim Power Line (WPL) solution measures environmental conditions, providing full visibility of transmission line conditions for a real-time overview of true capacity.

In our core mission, WindSim Power will strive for the continual development of innovative technologies and practices that will help the United States lead the global transition to a clean energy economy. Based on this forward-leaning principle, the WindSim Power Line technology has been developed with a broad understanding of the challenges facing the energy grid today, including grid modernization and integration of renewable energy sources and technologies.

Software Product Engineer

WindSim Power is seeking a full-time Software Product Engineer with experience in full-stack web application development that has experience or desire to take on product ownership responsibilities.

Skills/Experience

- Building, managing, and scaling web applications, REST APIs
- Building and managing databases (Postgres/PostGIS)
- Server-side programming in Java
- Client-side programming in JavaScript, TypeScript, Angular
- Product management (product vision/roadmapping, requirements management, product development)
- Ability to communicate in simple terms with engineers, managers, and clients
- Experience with cloud hosting and continuous delivery technologies such as AWS, Docker, Jenkins, etc. is preferred.
- Experience in meteorology or energy industry is preferred
- BS, MS, or PhD in Meteorology, Physics, Mechanical Engineering, Wind Engineering, Software Engineering or related field.
- U.S. Citizen

Duties

- Ensure success of pilot projects by supporting with product deployment and additional development
- Product ownership including maintenance and continued product enhancements
- Work with project management to ensure product fulfills project objectives
- Work with company leadership, sales, and marketing to ensure product fulfills sales objectives
- Continue any needed application development

What we offer

- Small organization where the contribution from each employee has tangible impact
- Empowerment and ability to grow with company
- International team of highly competent colleagues with expertise in wind energy
- Co-working offices in California, Idaho, Oslo, and Tønsberg
- Possibility to participate in employee shareholder program