

## Software Engineer

### What's exciting about Endurance Wind Power?

Endurance Wind Power will be the global leader in distributed wind technology and products. We will provide the market the greatest return on their renewable energy investment. We are an employee-owned, engineering-driven company with a passion for business excellence. We design, test, manufacture and market the best distributed wind turbines in the world.

This is an exciting time for Endurance Wind Power as we grow our company. If you are passionate about the alternate energy market and are looking to make a difference in the fast-paced work environment, this could be a role and place for you.

**Reports to:** Technical Director

**Location:** South Surrey, BC

### What can you expect in the Software Engineer position?

- Creation of a web-based turbine interface using JQuery, Django and PostgreSQL
- Design, implementation, and troubleshooting of wind turbine control system software
- Testing software functionality for new and existing systems

### What kind of background is required to thrive in this position?

#### Required Qualifications:

- Technical Requirements:
  - Demonstrated software/web development experience
  - Bachelor's degree or demonstrated equivalent in Software Engineering, Computer Engineering, Computer Science, Electrical Engineering or related discipline.
- Non-technical Requirements:
  - Demonstrated ability to communicate effectively with technical and non-technical staff
  - Ability to prioritize and multi-task
  - Valid passport with no travel restrictions (occasional international travel required)
  - Valid driver's license with no restrictions

#### Desirable Qualifications:

- Web development experience, especially:
  - Javascript frameworks (Jquery, MooTools, Prototype, etc.)
  - Server-side scripting languages (PHP, Python, etc.)
  - MVC frameworks (Rails, Django, etc.)
  - Database design, security, and optimization (PSQL, MySQL, Oracle, etc.)

- Embedded programming experience, especially:
  - PLC programming (preferably IEC 61131-3 languages)
  - C programming language
- Experience with software engineering tools for:
  - Versioning (Git, Mercurial, SVN, etc.)
  - Defect and feature request tracking (Jira, YouTrack, Bugzilla, etc.)
  - Testing (Test-driven development, unit tests, regression testing, etc.)
- Demonstrated competence working with real-time systems
- Experience with or understanding of electrical systems

### What's the Essence of this Opportunity?

We're a dedicated team of software professionals, working on complex systems that are a core component of a renewable energy product that is literally world changing. We have an opportunity for a technically talented software engineer with **leadership abilities** to fully utilize and develop their skills, to take on increasing responsibilities as our company and team grow.

### Ready to Join our Team?

Please respond with cover letter and resume to [resumes@endurancewindpower.com](mailto:resumes@endurancewindpower.com). In the Subject line, kindly state your specific interest in the position, and why you feel you would be contributing member to the Endurance team. In addition, please include a summary page with the following information:

Name	
E-mail address	
Degree (Discipline, Date then school name)	
Years of software engineering experience	
Programming languages in which you are fluent	
Other programming languages with which you have some familiarity	
Current city of residence	

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Current industry of employment	
Single most distinguishable asset compared to other applicants for this role	