

Application Software Developer

Our Company

Powertech Labs Inc, BC Hydro's subsidiary that specializes in energy research, consulting, testing, and systems integration, has been serving power utilities, oil and gas companies, automotive, and electrical utility equipment manufacturers since 1989. We operate as a separate, unregulated, for profit, commercial company. In addition to providing innovative R&D, consulting, and testing services to BC Hydro, Powertech provides most of its services to a large and diverse suite of clients across North America, and around the world. Powertech is located on an 11-acre campus in Surrey, British Columbia and has 200+ employees. Our reach and reputation are global, and we are recognized as a leader in technology, testing, and power systems software. Our location places us close to BC Hydro, 25 kilometers from the US border, and at a gateway between Asian and North American markets. Finally, we are located in one of the most desirable locations on the globe, with all the natural beauty of British Columbia on our doorstep. We call this home.

Powertech's brand and reputation command a dominant position in the power industry. To better serve our clients, we group our services under six market-oriented sectors: Generation, Transmission and Distribution, Substations, Power Systems, Grid Modernization and Advanced Transportation. Powertech's competitive advantage is enhanced through close collaboration between all sectors.

The company's staff consists of professional engineers, scientists, technologists, and technicians from a wide range of disciplines, as well as a wide range of professionals within the central Corporate functions. These highly skilled individuals have access to 21 well-equipped, specialized laboratories. Together, our resources allow us to offer a range of forward-looking technology services to help clients advance technology, solve complex problems, and maximize asset performance.

We are a customer-focused organization here to ensure our customers have high confidence in our services. To this end, we attract and hire the best resources, are highly responsive and constantly strive to improve the quality and value of our services.

Our vision is to be a trusted provider of knowledge and innovative solutions supporting the electric utility sector.

Our values are:

Safety : Safety tops everything. We do our work safely or we don't do it at all.

Excellence : Striving for excellence, acting with integrity, and having the highest standards in quality are core to what we do.

Our Customers : Customers fuel this company, and we constantly work with them to earn and retain their trust and loyalty. We expect that our customers hold us accountable to our commitments.

Diverse Teams : We are strongest when we work together and capitalize on our varied attributes – together we are more than the sum of our parts.

Challenges : We ready ourselves for the hardest challenges – through obtaining accreditations, developing (industry-leading) innovative products & services, investing in our labs and hiring great people and making them better.

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Management system registered to ISO 9001 & ISO 14001**

Powertech's Grid Modernization sector is an independent, commercial testing and validation facility that offers testing, engineering services, and consulting expertise to support utilities in grid modernization. The sector collaborates utilities, vendors, and OEMs in design, product development, technology evaluation, interoperability testing, and pre-deployment validation. These services reduce the risk of bringing advanced technologies to the industry. Our team has first-hand experience in the design, implementation, and testing of IT-OT integration for large utilities in North America. The department evaluates new communications technologies for standard conformance, and our lab has capabilities to assess security and privacy implementation of communications systems for critical infrastructure.

The Apps team supports the product development, testing, and consulting we bring to our customers in the area of grid modernization. We develop power utility applications in the areas of field work, asset management, and distribution automation.

We are looking for a passionate, creative, self-motivated Full Stack Developer to join our team in the areas of web and mobile development.

The Software Developer will work within the Software Apps team to deliver custom software solutions to our clients from design to development to operation.

- *Design, develop, test, and document custom software solutions
- *Explore and select technologies and frameworks to incorporate into new and existing software designs
- *Create new user interfaces and work to refine the user experience
- *Provide graphical solutions to data collection, aggregation, and visualization problems
- *Work with the team in providing project task breakdowns and estimations
- *Prepare technical presentations and proposals
- *Create project plans and schedules
- *Provide users with direct support for production software

Qualifications

- *Bachelors' degree in Computer Engineering or Software Engineering from a recognized post-secondary institution
- *Minimum of 1 year of experience in a software developer or similar role
- *Registered or eligible for immediate registration as an Engineer-in-Training with Engineers and Geoscientists British Columbia
- *Fluency in an object-oriented language, C# preferred
- *Experience in with a front-end MVVM framework, such as Knockout.js
- *Strong knowledge of front-end development and responsive design
- *Fluent in CSS/HTML and JavaScript
- *Experience working with an MVC framework, such as ASP.NET MVC
- *Knowledge of software development best practices including source control, code review, build processes, testing practices, and operations
- *Experience delivering applications in Android or iOS
- *Experience working with cross-platform technologies, such as Cordova or Xamarin
- *Demonstrable experience designing, delivering, and supporting commercial software applications
- *Experience working in an Agile environment
- *Knowledge of the security and privacy considerations of software solutions
- *Preference for candidates with augmented/virtual reality experience

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*Preference for candidates with location-based technology experience, such as Esri ArcGIS

Additional Information

- * Demonstrated rigor in modelling safety behaviours and safety awareness for working in laboratories and the field
- * Excellent decision making and problem solving skills. Demonstrates initiative in tackling complex problems and varying challenges with minimal direction
- * Strong aptitude for marketing and client contacts
- * Excellent written and interpersonal communications skills including the ability to build successful relationships, make presentations to technical and non-technical audiences and liaise with peers in industry
- * Ability to work in a dynamic and collaborative team environment while also able to complete tasks independently
- * Ability to quickly learn and apply new concepts, principles and solutions
- * Demonstrates dependability and commitment to projects/tasks
- * Focus on consistency and quality in all work activities
- * Ability to optimally adapt to a constrained schedule and perform under pressure
- * Strong multitasking and organizational skills

Location: Surrey B.C.

Job Status: Full-Time Regular

As part of the selection process, applicants may be required to complete a written test/ assessment and/or a presentation as part of the interview process.

Please be advised that this role has been assessed as safety sensitive and pre-qualification alcohol and drug testing will be required as a pre-condition to employment.

ALL CANDIDATES ARE REQUIRED TO ATTACH A COPY OF THEIR COVER LETTER, RESUME and ACADEMIC TRANSCRIPTS.

Note that applicants are required to submit/upload a copy of their College transcripts and Diploma as proof of post secondary graduation. If applicable, a copy of your work visa is also required.

INCOMPLETE OR LATE APPLICATIONS CANNOT BE PROCESSED. This will ensure we have all the necessary information to assess your application without any delays.

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