

Posting #20-166CU(E)

Software Development Engineer Information Technology Services Term, Full Time (2 Year Term)

Purpose

Reporting to the Manager of Enterprise Systems, Software Development Engineers are members of a professional IT Services team providing software development and support to academic and administrative departments. Software Development Engineers participate in project- and operational-related activities with a focus on meeting user needs and improving the efficiency of the University's operations through system and software solutions.

As part of the University's commitment to promote in-house progression training, Software Development Engineers are part of UNBC's Gateway Progression Plan. The progression plan consists of both an education/certification component, as well as on-the-job training and hands-on experience. The successful candidate will be placed at the appropriate level within the progression plan, and duties and responsibilities will commensurate appropriate to that level.

Responsibilities

Specific duties may include but are not limited to:

- With guidance from senior Software Development Engineers and Solutions Architects, developing action plans for accomplishment of project goals using appropriate technical solutions;
- Providing mentorship to junior Software Development Engineers and assisting them in increasing their knowledge, skills and abilities;
- Reviewing code of peers and working closely with other Software Development Engineers to deliver high quality solutions;
- Working with other institutions on shared projects, solutions, committees or working groups;
- Working in a group setting using agile development practices, such as scrum, for project management;
- Orchestrating and designing solutions which utilize a Service Oriented Architecture (SOA) approach to software design;
- Creating methods of work that leverage DevOps culture and practices in order to maximize flow, feedback and continual learning;
- Designing, developing, and maintaining the University's Enterprise Resource Planning system, including integration with other systems;
- Creating and maintaining documentation of system configuration, business processes and operations procedures;
- Supporting end user in troubleshooting, problem-solving and investigations.
- Other duties as assigned;

Qualifications

The successful candidate will possess an undergraduate degree in Computer Science/Technology/Software Engineering, or a minimum of a 2-year diploma in Computing/Software Engineering with a minimum of two (2) years' experience in web application development. An equivalent combination of education and experience will be considered.

Experience with the following is required:

- SQL and PL/SQL (Oracle Preferred);
- Microsoft .NET framework or LAMP stack;
- ORM;
- Distributed source control (Git or Mercurial).

In addition to the above requirements, experience with the following is considered an asset:

- Enterprise Resource Planning (ERP) systems, preferably Ellucian Banner;
- XML, CSS, JQuery, Javascript, and AJAX;
- iOS or Android mobile development;
- Using containerization technologies like Docker and related orchestration and clustering tools like Kubernetes;
- Working with advanced orchestration components, such as databases, key value stores, data volumes, configuration management, load balancers, virtual networks, and other related technologies;
- Working with security components such as file encryption, encrypted network connections, certificate signing and image vulnerability scanning.

The successful candidate will have the ability to work collaboratively with cross functional teams and possesses strong diagnostic and troubleshooting skills. Strong analytical and problem solving skills are also essential to this position. The selected applicant will be able to communicate effectively, both verbally and in writing, and possesses excellent interpersonal and time management skills. The successful candidate is a self-starter with the ability to manage changing priorities, meet deadlines and deliver results.

An equivalent combination of education and experience will be considered.

Salary

The entry level of the plan commences at a Grade 7 (\$53,668.70- \$55,896.04) and progresses through to a Grade 13 (\$73,271.01 to \$76,311.88). The starting salary will be dependent upon the successful applicant's qualifications and placement within the plan.

Normal hours of work will be 8:30 a.m. – 4:30 p.m. Monday through Friday.

About the Community

Since its founding in 1990, the University of Northern British Columbia (UNBC) has emerged as one of Canada's best small research-intensive universities, with a passion for teaching, discovery, people, and the North. Located in the spectacular landscape near the geographic centre of beautiful British Columbia, UNBC's excellence is derived from community-inspired research, hands-on learning, and alumni who are leading change around the world.

For the past 10 years, UNBC has placed in the top three in its category in the annual Maclean's university rankings, the only University of its size to achieve that feat. UNBC also recently placed among the top four per cent of higher education institutions worldwide by the Times Higher Education World University Rankings.

With a diverse student population, the University is friendly, inclusive, and supportive. Prince George is a city of ~74,000 people with impressive cultural, educational, and recreational amenities. For more information about living and working in Prince George, please refer to <http://www.unbc.ca/experience> and <https://moveupprincegeorge.ca>. Make your mark with this leading post-secondary institution.

To Apply

Please forward your resume and proof of education quoting competition #20-166CU(E) to:

Human Resources, University of Northern British Columbia,
3333 University Way, Prince George, BC, V2N 4Z9

Email submissions: HRecruit@unbc.ca
Inquiries: (250) 960-5521

All qualified candidates are encouraged to apply; however, Canadians and permanent residents will be given priority. The University of Northern British Columbia is committed to employment equity and encourages applications from women, aboriginal peoples, persons with disabilities and members of visible minorities.

We thank all applicants for their interest in UNBC however, only those applicants selected for further consideration will be contacted.

Priority will be given to applications received by 4:30pm on March 5, 2021. Applications will be accepted until this position is filled.