

POSITION DESCRIPTION

Position Title:	Senior BPM Developer (Senior Java Developer)
Organisation Unit:	Information Technology Services
Position Number:	
Type of Employment:	Fixed Term, full-time
Classification:	Hew Level 7

THE UNIVERSITY OF QUEENSLAND

The University of Queensland (UQ) contributes positively to society by engaging in the creation, preservation, transfer and application of knowledge. UQ helps shape the future by bringing together and developing leaders in their fields to inspire the next generation and to advance ideas that benefit the world. UQ strives for the personal and professional success of its students, staff and alumni. For more than a century, we have educated and worked with outstanding people to deliver **knowledge leadership for a better world**.

UQ ranks in the world's top universities, as measured by several key independent ranking, including the CWTS Leiden Ranking (32), the Performance Ranking of Scientific Papers for World Universities (43), the US News Best Global Universities Rankings (42), QS World University Rankings (48), Academic Ranking of World Universities (55), and the Times Higher Education World University Rankings (69). Excluding the award component, UQ is now ranked 45th in the world in the ARWU, and is one of the only two Australian universities to be included in the global top 50.

UQ has an outstanding reputation for the quality of its teachers, its educational programs and employment outcomes for its students. Our students remain at the heart of what we do. The UQ experience – the UQ Advantage – is distinguished by a research enriched curriculum, international collaborations, industry engagement and opportunities that nurture and develop future leaders. UQ has a strong focus on teaching excellence, winning more national teaching excellence awards than any other in the country and attracting the majority of Queensland's highest academic achievers, as well as top interstate and overseas students.

UQ is one of Australia's Group of Eight, a charter member of edX and a founding member of Universitas 21, an international consortium of leading research-intensive universities.

Our 52,000-plus strong student community includes more than 16,400 postgraduate scholars and more than 15,400 international students from 135 countries, adding to its proud 250,000-plus alumni. The University has more than 6,600 academic and professional staff (full-time equivalent) and a \$1.75 billion annual operating budget. Its major campuses are at St Lucia, Gatton and Herston, in addition to teaching and research sites around Queensland and Brisbane city. The University has six Faculties and four University-level Institutes. The Institutes, funded by government and industry grants, philanthropy and commercialisation activities, have built scale and focus in research areas in neuroscience, biomolecular and biomedical sciences, sustainable minerals, bioengineering and nanotechnology, as well as social science research.

UQ has an outstanding track-record in commercialisation of our innovation with major technologies employed across the globe and integral to gross product sales of \$11billion+ (see <http://uniquet.com.au/our-track-record>).

UQ has a rapidly growing record of attracting philanthropic support for its activities and this will be a strategic focus going forward.

Organisational Environment

The Division of Information Technology Services (ITS) at The University of Queensland provides an information environment that supports the teaching, learning, research and engagement objectives of the University and contributes positively to the student experience and the University's reputation, in line with our values of Service, Team, Accountability and Results. It delivers network, systems and IT infrastructure support to the University, and application development. Also located within ITS is the internationally recognised network security group, AusCERT, which provides Internet security services throughout Australia and New Zealand. ITS manages core networks not only for the whole of The University of Queensland but also works with other Queensland universities to manage access to the national university network (AARNet). ITS also operates research computing infrastructure and hosts many of the University's largest servers.

For further information visit our website www.its.uq.edu.au

Information for Prospective Staff

Information about life at UQ including staff benefits, relocation and UQ campuses is available at - <http://www.uq.edu.au/current-staff/working-at-uq>

DUTY STATEMENT

Primary Purpose of Position

The Business Process Digitisation and Automation (BPDA) team within ITS is responsible for the digitisation of 'paper-based' business processes and automation of key initiatives across the University of Queensland. The program streamlines UQ processes and ultimately reduces administrative paperwork associated with both academic and administrative functions.

The Senior Business Process Management Developer (Senior Java Developer) will work closely with the BA to design, develop and deliver Business Process Modeling (BPM) solutions across the University. This position will be responsible for determining the appropriate solution and developing workflows to streamline internal processes and to ensure effective integration with university systems.

Duties:

- Work with the team to clarify requirements, initiate solutions and develop software using the Agile scrum methodology (including planning, estimation, implementing and continuously delivering software).
- Maintain a focus on continuous improvement through evaluation of current processes and identifying and developing process enhancements.
- Review and report on Business Process Modeling (BPM) solutions to ensure objectives are delivered.

- Consult on the technical aspects of the software solutions.
- Support in delivering client satisfaction through efficient work practices and the fostering of positive client relationships.
- Develop and maintain appropriate documentation related to business cases, requirements, change requests and other BPM artefacts.
- Contribute to a large program where you can make a true impact across the University.
- An employee may be required to carry out other duties within the scope of the classification and within the limits of their skill, competence and training.

This position is located at our Toowong office on High Street, two days a week (Monday and Tuesday) and has the option of being remote or office based for the remainder of the week.

Other

Ensure you are aware of and comply with legislation and University policy relevant to the duties undertaken, including:

- the [University's Code of Conduct](#).
- requirements of the Queensland occupational health and safety (OH&S) legislation and related [OH&S responsibilities and procedures](#) developed by the University or Institute/School.
- the adoption sustainable practices in all work activities and compliance with associated legislation and related University [sustainability responsibilities and procedures](#).
- requirements of the Education Services for Overseas Students Act 2000, the National Code 2007 and associated legislation, and related [responsibilities and procedures](#) developed by the University.
- Some positions may require the incumbents to work rotating shifts with appropriate allowances, or on a rotating roster not involving shift work as such. Some positions may require the incumbent to be available on-call outside of working hours, subject to payment of the prescribed allowance and overtime penalties if necessary. While staff will have a campus nominated as their principal campus, they may be required to work at any University Campus subject to the Travel and Transfer Policy (<http://ppl.app.uq.edu.au/content/5.43.09-transfer-and-travel-between-university-locations>).

Reporting Relationships

The position reports to the BPDA Team Leader and may be required to direct other professional or technical staff on work relating to specific tasks or projects.

SELECTION CRITERIA

Essential

- Qualifications and training equivalent to an undergraduate degree in IT or related field and subsequent relevant experience; OR an equivalent combination of experience, education and training.
- Experience with DevOps practices and associated tools, such as: containerisation, automated testing, continuous integration, continuous delivery, logging and monitoring.
- Knowledge of Agile software development methodologies, including SCRUM.

- Experience with development and operations in platform environments such as API Gateways, ESBs or BPM platforms
- The technologies and tools used within the team are listed below. Please indicate what experience you have with any of those listed:
 - In-depth experience with Java, Groovy, HTML5 and JavaScript (Node.js, AngularJS) and CSS.
 - *Integration development technologies such as RESTful APIs*
 - *Database development (including Oracle, SQL Server or MySQL)*
 - *Business process modelling techniques and notations, specifically BPMN2*
 - *Amazon Web Services (AWS) IaaS and PaaS solutions, specifically S3, Cloudfront, Elastic Beanstalk, RDS and EC2.*
- Knowledge and experience in object-oriented programming practices and data modelling techniques.
- Effective interpersonal, oral and written communication skills, including the ability to work collaboratively with clients and colleagues to achieve positive outcomes.
- Demonstrated effective problem-solving skills with the ability to perform research or liaise with others to develop solutions for more difficult problems.
- Organised and methodical approach to tasks.
- Must be self-motivated and able to work to objectives with limited guidance— either alone or as a member of a small team.

Desirable

- Skills and experience in analysis, design, development and maintenance of multi-user systems or applications.

The University of Queensland values diversity and inclusion and actively encourages applications from those who bring diversity to the University. Please refer to the University's Diversity and Inclusion webpage (<http://www.uq.edu.au/equity>) for further information and points of contact if you require additional support.

This role is a full-time position; however flexible working arrangements may be negotiated.

Accessibility requirements and/or adjustments can be directed to recruitment@uq.edu.au