

POSITION DESCRIPTION

Position Details

Position Title:	Cloud-based Application Developer
Reporting To:	Senior Application Developer
Unit / Group:	Information Technology
Direct Reports:	None
Employment Type:	Fixed Term Time Fraction: 1.0
Salary Classification:	Corporate Services, Level E2
Fixed Term Reason	Replacement Employee (leave of absence)
Date:	August 2026
Location:	City Campus

Position Summary

The Cloud-based Application Developer is responsible for actively participating in the design, development, testing and implementation of web and cloud-based applications. This includes the company's internal and public facing student management systems, content aggregation systems, content management systems and BI interfaces. In addition, this role will assist with the maintenance, enhancement, and ongoing development of RMIT UP's commercial product range.

This role is pivotal to solving ongoing and new business challenges. The Cloud-based Application Developer will lead, using agile software delivery methodology, the conception, development and delivery of innovative solutions. They will analyse and understand business and end user requirements and build great software solutions.

The Cloud-based Application Developer reports to the Senior Application Developer is expected to work collaboratively with other Developers and project team members to share knowledge, resolve issues and ensure delivery of products to agreed schedule, quality and functional specifications.

Position Responsibilities and Accountabilities

Analysis and Investigation

- Analyse the product requirements and design the solution for current projects to transition applications from on-prem to cloud platform and new projects to deploy straight into cloud (SaaS/PaaS) environment.
- Create a clear development plan with detailed task list for the platform transition.
- Analyse the data flow between different systems and design the database structure accordingly.
- Analyse, investigate and provide solution to each assigned Work Request within agreed SLA.
- Liaise with Work Request initiators to understand business requirements.
- Consult with the Senior Application Developer to determine the most suitable technical solution, and for timely escalations, for each assigned Work Request.
- Estimate the development time required and document the outcome of the analysis /

investigation for presentation to the Senior Application Developer.

- Proactively research and analyze additional vulnerabilities as required, including any security vulnerability in applications.
- Assist with monitoring the development queue in the IT Service Management tool and act on calls where appropriate or when assigned by the Senior Application Developer.

Development, Implementation, Maintenance & Documentation

- Design, develop and implement cloud-based applications for RMIT UP internal and external applications.
- Build the database according to the cloud platform need.
- Evaluate the cost effectiveness of the cloud platform and adjust the configuration / code/ data in RMIT Azure platform.
- Maintain and enhance technical code for existing web applications and products.
- Develop and implement technical code for assigned Work Requests to meet scheduled deadlines and functional and quality specifications.
- Liaise and collaborate with internal and external project stakeholders during the development process to ensure quality and functional specifications are met.
- Notify the Senior Application Developer immediately of any risk which may prevent deadlines being met.
- Adhere to the IT code development review process (developing sturdy, re-usable, secure, efficient code with aim to deploy in production with little-to-no downtime, also reading, peer review and modifying shared code).
- Create accurate and detailed system documentation (e.g. functional and technical specifications).
- Adhere to document management procedures with respect to document storage and version control.
- Investigate, develop and implement solutions to issues/bugs as directed by Senior Application Developer.
- Follow and adhere to the IT change management process for technical changes.
- Follow agile best practice software development methodologies to support CI/CD (continuous improvement and integration / continuous development and delivery) activities.
- Monitor the Security Centre dashboards and rectify vulnerabilities identified by Security Centre dashboards as required.

Stakeholder management

- Liaise and collaborate with internal and external project stakeholders including offshore partners / vendors during the development process to ensure quality and functional specifications are met.
- Communicate regularly with other Developers and/or project team members to share information/knowledge and resolve issues.
- Escalate to the Senior Application Developer and/or Project Delivery Manager and/or Director, IT immediately of any risk which may prevent deadlines being met.

Testing

- Conduct internal testing including supporting system and integration testing activities.
- Perform regular quality control testing activities.
- Record issues/bugs identified through the testing process.
- Contribute to continuous improvement of testing methods and tools.

Team Support

- Maintain and enhance the online IT version control tool and actively promote its use by team members.
- Participate in cross-functional team activities as required.
- Contribute to the achievement of team business objectives.

Organisational Responsibilities and Accountabilities

- Act at all times in accordance with the RMIT Code of Conduct
- Work in accordance with RMIT University Pathways' policies and procedures including following safe work practices for self and others
- Proactively work towards achieving individual and team goals, whilst demonstrating RMIT's values and behaviors
- Actively engage in professional development opportunities
- Undertake any reasonable tasks as directed
- RMIT is committed to providing a safe environment for children and young people in our community. Read about our commitment and child safe practices.
<https://www.rmit.edu.au/about/our-locations-and-facilities/facilities/safety-security/child-safety>.
- Appointment to the role is subject to successful passing of the Working with Children Check (WWCC employee type), Working rights Check and National Police Check (NPC)

Qualifications, Knowledge, Skills & Attributes

Essential

- Relevant tertiary qualification in software development or relevant technology.
- Proven experience in a similar role within a professional services environment
- Commercial programming experience in object-oriented programming with ASP.NET, C#, PowerShell scripting and PHP in single and multi-threaded environments
- Commercial programming experience in functional programming such as React
- Proficiency in cloud platform such as Azure and AWS in –
 - App/API designee and development,
 - DevOps fundamentals
 - Cloud platform architecture/designing,
 - Performance optimisation
 - Basic networking, security
 - Scalability
- Relevant certifications in cloud platforms such as Azure and AWS
- Strong skills and demonstrated experience in data integration between different systems
- Knowledge of relational technology and skills in developing and using Structured Query Language (SQL) to create Stored Procedures, Triggers and indexes in Microsoft SQL Server and MySQL
- Sound experience and skills developing, maintaining and deploying web-based applications using XML, XSL, JavaScript, jQuery, Cascading Style Sheets (CSS)
- Demonstrated experience using full-term software development lifecycle, including the use of a revision control system such as Github, Bitbucket.
- Understanding of industry standards and best practice development methodologies
- Ability to quickly learn and adapt to new platforms, applications systems and technologies
- Strong stakeholder management (internal, customer and vendor) skills
- Strong aptitude for critical thinking and problem solving with the ability to shift focus from the big picture to the details to ensure desired quality in solution
- Well-developed communication (written and verbal) and presentation skills
- Strong organisational and time management skills, with the ability to deliver to tight deadlines and perform under pressure, while maintaining high attention to detail
- Ability to work independently, as well as collaborate and work effectively as part of a team
- Demonstrated commitment to quality control and continuous improvement
- Working with children check (WWCC – Employee type)

Desirable

- Understanding of the workflow of Learning Management Systems, such as CANVAS
- Proven experience working with CANVAS API
- Certification in data science
- Demonstrated skills in database management
- Demonstrated skills and experience in building Business Intelligence reports using Microsoft PowerBi
- Programming experience with classic ASP
- Understanding of common Web Application security threats
- Experience in identifying and analysing scan reports produced by security scanners such as Nessus, Acunetix
- Experience in creating security processes and procedures to avoid web vulnerabilities

Working at RMIT University Pathways (RMIT UP)

RMIT UP is owned by RMIT University, and provides a range of education solutions to students, academics and professionals in Australia and overseas.

Our mission is to provide transformative, supportive learning experiences and pathways which open global possibilities to our community of learners. We achieve this through our RMIT values of inclusion, imagination, integrity, courage, passion and impact.

RMIT UP education professionals place the student and customer experience at the forefront of everything we do.

Our key programs and services include Foundation Studies, ELICOS English for Academic Purposes (EAP) and language testing. RMIT UP also houses Informit, a leading research database with a strong focus on specialist Australasian content.

RMIT UP is situated in a state-of-the-art facility within the main RMIT University city campus in Melbourne's CBD. Co-located with Scape Australia, the largest provider of student accommodation in Australia, our building provides a unique offering to international students, housing world-class learning and accommodation in one secure location.

Acceptance of Position Description

This position description is current at date of approval. It may change from time to time to reflect operational needs and changes to organisational reporting relationships.

I have read, understood, and accept the responsibilities and accountabilities as outlined in this position description.

Incumbent signature: _____

Incumbent name: _____

Date: _____