

POSITION DESCRIPTION

Python Engineer

ReadyTech (ASX:RDY) exists to help communities thrive, and ReadyTechers flourish on making that change happen.

They enjoy taking on challenges that matter to our customers, communities, and the world – and working to solve them with incredible technology that helps navigate complexity, while also delivering meaningful outcomes.

ReadyTechers are enterprising, and hungry to make a difference. But, more than ever, ReadyTechers are *ready for anything*.



POSITION DESCRIPTION

Title	Python Engineer	Location	Melbourne, Sydney, Launceston
Report to	Engineering Manager	Direct report(s)	None

The purpose of this role

We are seeking a skilled and experienced Python Engineer to join our Higher Education Squad within Education business. The ideal candidate will be responsible for writing and testing scalable code, developing back-end components, and integrating user-facing elements in collaboration with front-end developers.

The key accountabilities of the role

We are looking to write a new service in Python for implementing the higher education capabilities in our flagship product JRPlus which is a student management system. This service will interface with the JRPlus student management system to extend it into the higher education space.

The key responsibilities of the role

Write effective, scalable code in Python.

Develop back-end components to improve responsiveness and overall performance.

Integrate user-facing elements into applications.

Test and debug programs.

Improve functionality of existing systems.

Implement security and data protection solutions.

Assess and prioritize feature requests.

Coordinate with internal teams to understand user requirements and provide technical solutions.



The ideal candidate will have these:

1. Skills	<p>Excellent problem-solving and communication skills.</p> <p>A team player to work with other engineers, QA and Product Manager</p> <p>An experience working with Agile methodology (Scrum methodology preferred)</p> <p>Experience with modern software development techniques using github co-pilot and other modern IDEs and tools.</p> <p>Experience with Python programming language</p>
2. Knowledge	<p>Proven experience as a Python Developer or similar role.</p> <p>Expertise in at least one popular Python framework (like Django, Flask or Pyramid).</p> <p>Knowledge of object-relational mapping (ORM).</p> <p>Familiarity with front-end technologies (like JavaScript and HTML5).</p> <p>Strong unit test and debugging skills.</p> <p>Proficient understanding of code versioning tools such as Git.</p>
3. Experience	<p>Experience with Python libraries and frameworks to deliver software with scalability and availability.</p> <p>Experience with cloud services (AWS, Google Cloud, Azure).</p> <p>Familiarity with database technology such as MySQL, PostgreSQL, and MongoDB.</p> <p>Knowledge of Docker and Kubernetes is a plus.</p>