**Job description**

RedMarker Systems is an Edtech company in Pakistan that specializes in digital solutions for assessment and examination processes. Our mission is to ‘*Transform Education Through Meaningful Assessments’*. We streamline and improve the entire assessment lifecycle, from item bank development to examination generation through [rTestGen](https://redmarker.io/rtestgen).Online administration through [rCBT](https://redmarker.io/rcbt). Online onscreen marking of descriptive papers through [rMarker](https://redmarker.io/rmarker) and evaluation, self-assessment for students by [rAssess](https://redmarker.io/rassess)

**Why Us?**

As a member of our development team, you will have the opportunity to work on a product that truly makes a difference in people's lives. You will be part of a dynamic and collaborative team, where your ideas and contributions will be valued and respected.

Our company culture is built on a foundation of respect, transparency, and teamwork. We believe in empowering our employees to take ownership of their work and make a meaningful impact on the world. We encourage open communication and constructive feedback, and we prioritize a healthy work-life balance.

In addition, we offer a competitive salary and benefits package. We also provide opportunities for career growth and advancement, with regular performance reviews and personalized development plans.

**Job Purpose:**

As a Django Developer, your main purpose is to lead the development of features and functionalities that improve the learning experience for students through meaningful assessments. You will be responsible for developing, testing, and deploying apps that meet high-quality standards using Django REST Framework and Python

Your job will involve collaborating closely with other members of the development team, including front-end developers, designers, and product managers, to ensure that the app meets user requirements and stays up-to-date with industry trends. You will also mentor and guide junior developers, helping them to learn and grow in their roles.

To succeed in this role, you should have a strong understanding of software development principles, particularly in the context of web applications built with Django. You should be able to write clean, maintainable, and efficient code, and have experience working with databases- especially MySQL, APIs, and server-side frameworks. Additionally, you should be comfortable working in an agile development environment and be able to prioritize and manage multiple tasks effectively.

**Responsibilities**

* Responsible for the development of REST APIs for different products.
* Effectively collaborate with all teams to help achieve the company's primary objective.
* Work efficiently to accomplish assigned tasks within an appropriate estimated turnaround time with a high level of quality.
* Document all new development and code change for developers (technical documentation).
* Provide assistance to the development team with tasks that belong to servers and Web products.
* Conduct load testing and code optimizations to improve application performance and throughput.
* Maintain and enhance the code used to build and deploy management.

**Requirements**

* Experience working with the following technologies: Python, Django REST Framework, MySQL Django ORM.
* Understanding of the threading limitations of Python, and multi-process architecture.
* Experience with asynchronous Python using Celery or alternative.
* Solid SQL knowledge and ability to design effective data storage for the task at hand, query performance optimization skills.
* Experience with performance optimization, scaling, and event analytics.
* Experience with hardening codebases by practicing secure coding.
* Write and maintain functional and unit tests for automated testing and deployment

**Experience**

* Minimum 3 years of development in Python
* Minimum 2 years of development in Django with REST APIs

**Location:**

* RedMarker Building, Main G.T. Rd, near Amazon Software Technology Park, Islamabad (On-site)