

Backend Developer(Django)

Job Title: Backend Developer (Django)

Company Description:

Job Description:

As a Backend Developer with expertise in Django and related technologies, you will be responsible for designing, developing, and maintaining robust and scalable backend systems for our web applications. You will work closely with cross-functional teams, including front-end developers and system administrators, to deliver high-quality solutions. Your extensive experience in Django, along with your ability to architect and optimize backend systems, will be crucial in driving the success of our projects.

Responsibilities:

1. Backend Development:

- Design and develop backend systems using Django and related technologies.
- Implement and maintain RESTful APIs to facilitate communication between the front-end and backend.
- Ensure the reliability, security, and performance of backend applications.

2. Database Management:

- Design and optimize database schemas, ensuring efficient data storage and retrieval.
- Develop complex database queries and optimize their performance.
- Work with various database systems, such as PostgreSQL, MySQL, or MongoDB.

3. Technical Leadership:

- Provide technical guidance and mentorship to junior developers, promoting best practices and ensuring code quality.
- Collaborate with cross-functional teams, including front-end developers, to define and implement backend requirements.
- Contribute to architectural discussions and propose scalable and efficient solutions.

4. Testing and Debugging:

- Write unit tests and integration tests to ensure the reliability and stability of backend code.
- Debug and resolve issues and bugs reported by QA and end users.
- Implement logging and monitoring solutions to proactively identify and address issues.

5. Performance Optimization:

- Identify performance bottlenecks and optimize backend systems for speed and efficiency.
- Implement caching mechanisms and database optimizations to improve application performance.
- Conduct load testing and performance profiling to ensure scalability and responsiveness.

6. Documentation and Collaboration:

- Create and maintain technical documentation, including API documentation and system architecture.
- Collaborate effectively with cross-functional teams, including product managers and designers, to understand requirements and deliver high-quality solutions.
- Participate in code reviews and provide constructive feedback to team members.

Qualifications:

- Bachelor's or Master's degree in Computer Science, Software Engineering, or a related field.
- 5+ years of professional experience as a Backend Developer, with a strong focus on Django and related technologies.
- Expertise in Python and Django framework, including Django ORM and Django Rest Framework.
- Solid understanding of backend development concepts, including API design, database management, and security.
- Experience with SQL and NoSQL databases, such as PostgreSQL, MySQL, or MongoDB.
- Familiarity with version control systems (such as Git) and agile development methodologies.

- Strong problem-solving skills and attention to detail.
- Excellent communication and collaboration abilities, with the ability to work effectively in cross-functional teams.