Python Developer Job Description template

Python Developer Job Description Template/Brief

We are looking for a Python Developer to assist us in developing high-performance, responsive web applications.

As a Python developer, you will be required to use the Python programming language to construct, debug, and implement application projects.

You will also be building server-side web application logic, integrating web services and third-party APIs, and assisting front-end engineers with application integration.

Python Developer Job Profile

Python Developers manage code, design, and debug applications on either or both the front-end and the server-end.

A Python developer's job entails writing clean, testable, and scalable code to create back-end elements, integrate front-end elements into the application, and manage data exchange between the server and users.

Their role also demands delving deeper into other aspects of AI and machine learning. Python developers also assist businesses in developing data-driven systems using Python programming.

Reports To

- Chief Technology Officer
- Tech Lead

Python Developer Responsibilities

- Write clean, efficient, reusable, testable, and scalable server-side logic to create statistical learning models and responsive web applications
- Integrate front-end developer-created user-facing components with server-side logic
- Create high-availability, low-latency, and high-performance applications
- Collaborate with design and product teams to understand end-user requirements
- Work on improving the server-side platform and web frameworks
- Ability to work with Python libraries
- Deploy the application, perform usability, automation, improvement and maximise application performance
- Debug software applications using Python test framework tools like Pytest, Behave, etc.
- Improve the functionalities of existing software systems
- Stay up-to-date with the latest technology and industry trends
- Develop and fine-tune AI/ML-based algorithms

Python Developer Requirements & Skills

- Preferably a degree or diploma in Computer Science or a similar discipline
- Prior experience as a Python developer is desirable
- Expertise in at least one Python framework and a working knowledge of front-end technologies
- Knowledge and understanding of AI/ML Fundamentals
- Understanding of how Object Relational Mapper libraries function
- Understanding of front-end programming languages