**Machine Learning Engineer**

**1. Programming Skills:**

- Proficiency in Python is crucial as it is widely used in the machine learning ecosystem.

- Understanding of libraries such as NumPy, Pandas, and Scikit-learn.

**2. Mathematics and Statistics:**

- Solid understanding of linear algebra, calculus, and statistics is essential for building and understanding machine learning algorithms.

**3. Machine Learning Algorithms:**

- Knowledge of various machine learning algorithms and techniques, such as supervised and unsupervised learning, classification, regression, clustering, etc.

**4. Data Preprocessing:**

- Ability to clean, preprocess, and analyze data. This includes handling missing data, scaling, and feature engineering.

**5. Deep Learning:**

- Familiarity with deep learning frameworks such as TensorFlow or PyTorch.

6**. Data Visualization:**

- Skill in using visualization tools like Matplotlib or Seaborn to communicate insights from data.

**7. Model Deployment:**

- Understanding of how to deploy machine learning models into production environments.

**8. Version Control:**

- Experience with version control systems like Git.

**Python Developer / Engineer**

**1. Core Python:**

- A strong understanding of the fundamentals of Python, including data structures, algorithms, and object-oriented programming.

**2. Web Frameworks:**

- Depending on the job, familiarity with web frameworks like Django or Flask may be required.

**3. Database Knowledge:**

- Understanding of database systems, both SQL (e.g., PostgreSQL, MySQL) and NoSQL (e.g., MongoDB).

**4. Version Control:**

- Proficiency in using Git for version control.

**5. Testing:**

- Knowledge of testing frameworks like pytest.

**6. APIs (Application Programming Interfaces):**

- Understanding of how to work with APIs, both consuming and creating.

**7. Web Technologies:**

- Familiarity with HTML, CSS, and JavaScript, especially if the role involves web development.

**8. Problem-Solving Skills:**

- Strong problem-solving skills and the ability to write clean, modular code.

It's important to tailor your skill set to the specific requirements of the job you're applying for. Additionally, having projects or practical experience related to these skills can significantly enhance your profile when applying for positions. Keep in mind that the technology landscape evolves, so staying updated with the latest trends and tools is also beneficial.