

Here are the job descriptions and skill requirements for the four roles:

1. Machine Learning Engineer

Job Description: As a Machine Learning Engineer, you will be responsible for designing, developing, and deploying machine learning models. You will work closely with data scientists and software engineers to integrate models into production systems and continuously improve their performance.

Skills Required:

- Proficiency in Python and libraries like TensorFlow, Keras, or PyTorch.
- Experience with data preprocessing and feature engineering.
- Understanding of various machine learning algorithms such as decision trees, SVMs, and neural networks.
- Familiarity with cloud platforms (AWS, Azure, or GCP) for deploying machine learning models.
- Basic knowledge of big data tools like Hadoop or Spark.

2. Full Stack Developer

Job Description: As a Full Stack Developer, you will be responsible for developing both front-end and back-end components of web applications. You will collaborate with designers and other developers to create user-friendly, responsive, and efficient web applications.

Skills Required:

- Strong knowledge of HTML, CSS, and JavaScript.
- Experience with front-end frameworks like React.js or Angular.
- Proficiency in back-end technologies like Node.js, Django, or Ruby on Rails.
- Understanding of RESTful APIs and how to integrate them.
- Familiarity with database management systems such as MySQL, PostgreSQL, or MongoDB.

3. Data Scientist

Job Description: As a Data Scientist, you will analyze complex datasets to extract valuable insights and drive decision-making. You will build predictive models and work on various data-related projects to support business objectives.

Skills Required:

- Proficiency in Python or R for data analysis.
- Experience with data visualization tools like Tableau or Power BI.
- Knowledge of statistical analysis and hypothesis testing.
- Familiarity with machine learning techniques for predictive modeling.

- Basic understanding of SQL for database querying.

4. Full Stack Engineer

Job Description: As a Full Stack Engineer, you will be responsible for designing and building full-scale web applications from front-end to back-end. You will ensure the smooth integration of user-facing elements with server-side logic.

Skills Required:

- Proficiency in front-end technologies like HTML, CSS, JavaScript, and frameworks such as React.js or Vue.js.
- Experience with server-side languages like Node.js, Python, or PHP.
- Understanding of database management, including SQL and NoSQL databases.
- Knowledge of version control systems like Git.
- Familiarity with containerization tools like Docker and orchestration with Kubernetes.

These descriptions and skill requirements should be manageable for creating CV samples.