**JOB DESCRIPTIONS**

**Software Engineer**

**Job Title**: Software Engineer  
  
**Job Type**: Full-time

**Responsibilities**:

* Design, develop, and maintain software applications using modern programming languages and frameworks.
* Collaborate with cross-functional teams to gather and analyze software requirements.
* Write clean, efficient, and maintainable code following best practices.
* Perform unit testing and debugging to ensure software reliability.
* Participate in code reviews to uphold quality standards.
* Deploy and maintain applications in production environments.
* Document technical specifications and processes for future reference.

**Qualifications**:

* Bachelor's degree in Computer Science, Software Engineering, or a related field.
* Proficiency in programming languages like Java, Python, C++, or JavaScript.
* Experience with frameworks such as React, Angular, or Spring Boot.
* Familiarity with version control systems like Git.
* Understanding of software development methodologies (Agile, Scrum).
* Strong problem-solving and analytical skills.
* Excellent communication and teamwork abilities.

**Preferred Skills**:

* Experience with cloud platforms like AWS, Azure, or Google Cloud.
* Knowledge of DevOps practices and tools.
* Familiarity with containerization technologies (Docker, Kubernetes).

**Data Scientist**

**Job Title**: Data Scientist  
**Job Type**: Full-time

**Responsibilities**:

* Analyze large datasets to identify trends, patterns, and insights.
* Develop and deploy machine learning models to solve business problems.
* Perform data preprocessing, feature engineering, and model evaluation.
* Collaborate with stakeholders to define project objectives and data requirements.
* Create visualizations and dashboards to communicate findings effectively.
* Stay updated on advancements in AI and machine learning technologies.

**Qualifications**:

* Bachelor's or Master’s degree in Data Science, Statistics, Mathematics, or a related field.
* Proficiency in Python, R, or SQL for data analysis and modeling.
* Experience with machine learning frameworks like TensorFlow, PyTorch, or scikit-learn.
* Knowledge of statistical methods and algorithms.
* Strong data visualization skills using tools like Tableau, Power BI, or Matplotlib.
* Excellent problem-solving and critical-thinking abilities.

**Preferred Skills**:

* Familiarity with big data technologies (Hadoop, Spark).
* Experience with cloud platforms (AWS SageMaker, Google AI Platform).
* Knowledge of Natural Language Processing (NLP) techniques.

**Data Analyst**

**Job Title**: Data Analyst  
**Job Type**: Full-time

**Responsibilities**:

* Collect, clean, and organize data from multiple sources for analysis.
* Analyze datasets to identify trends, anomalies, and actionable insights.
* Build reports and dashboards to support business decision-making.
* Work with teams to define key performance indicators (KPIs) and metrics.
* Communicate findings to stakeholders using clear visualizations and presentations.

**Qualifications**:

* Bachelor's degree in Data Analytics, Statistics, or a related field.
* Proficiency in data analysis tools such as Excel, SQL, or Python.
* Experience with visualization tools like Tableau, Power BI, or Looker.
* Strong analytical and problem-solving skills.
* Ability to interpret and present data effectively.

**Preferred Skills**:

* Familiarity with statistical analysis and predictive modeling.
* Knowledge of ETL tools and processes.
* Basic understanding of database systems.

**Big Data Engineer**

**Job Title**: Big Data Engineer  
**Job Type**: Full-time

**Responsibilities**:

* Design and implement data pipelines for large-scale data processing.
* Build and maintain data warehouses and data lakes.
* Optimize data storage and retrieval for performance and scalability.
* Collaborate with data scientists and analysts to deliver reliable datasets.
* Ensure data security, governance, and compliance.

**Qualifications**:

* Bachelor's or Master’s degree in Computer Science, Data Engineering, or a related field.
* Proficiency in big data technologies like Hadoop, Spark, or Kafka.
* Experience with cloud platforms (AWS, Azure, Google Cloud) for data engineering.
* Strong programming skills in Python, Java, or Scala.
* Familiarity with SQL and NoSQL databases.

**Preferred Skills**:

* Experience with data pipeline tools like Apache Airflow or AWS Glue.
* Knowledge of data modeling and ETL processes.
* Understanding of distributed systems and parallel computing.