Job Title: Machine Learning Engineer

Location: San Francisco, California (Hybrid - 2 days remote per week)

Department: IT and Engineering

Reports To: CTO (David Kim)

Company Overview

Tech Innovators Inc. is a forward-thinking tech company founded in 2018, headquartered in San Francisco, California. We specialize in developing cutting-edge AI solutions and software products for clients across the globe. Our core values include innovation, collaboration, and a strong commitment to corporate social responsibility. We are passionate about pushing the boundaries of technology while giving back to the community through various CSR initiatives.

Role Overview

As a Machine Learning Engineer at Tech Innovators Inc., you will play a critical role in developing and deploying machine learning models that drive our AI-powered products. You will work closely with our Product Development and IT teams to implement scalable ML solutions that solve real-world business problems. This role offers the opportunity to innovate, explore new technologies, and contribute to the growth of our AI capabilities.

Key Responsibilities

- **Model Development:** Design, build, and train machine learning models using state-of-the-art techniques (e.g., deep learning, NLP, and reinforcement learning).

- **Data Pipeline Management:** Develop and maintain data pipelines to ensure smooth ingestion and preprocessing of large-scale datasets.

- **Model Deployment:** Collaborate with the engineering team to deploy machine learning models into production environments.

- **Performance Optimization:** Continuously monitor and improve model performance using metrics and evaluation methods.

- **Cross-functional Collaboration:** Work closely with product managers, data scientists, and software engineers to align machine learning efforts with business objectives.

- **Research & Innovation:** Stay up-to-date with the latest research in AI/ML and implement innovative techniques in our solutions.

- **Security & Compliance:** Ensure models and data usage comply with internal data security policies and external regulatory requirements.

Required Qualifications

- **Education:** Bachelor's or Master's degree in Computer Science, Artificial Intelligence, Machine Learning, or a related field.

- **Experience:** 2-4 years of experience working with machine learning frameworks (e.g., TensorFlow, PyTorch, Scikit-learn).

- **Skills:**

  - Strong programming skills in Python and proficiency in libraries such as NumPy, Pandas, and Matplotlib.

  - Experience with cloud-based ML solutions (AWS, GCP, or Azure).

  - Hands-on experience in deploying models using APIs and containerized environments (e.g., Docker, Kubernetes).

  - Familiarity with databases (SQL, NoSQL) and big data technologies (Hadoop, Spark).

  - Knowledge of natural language processing (NLP), computer vision, or recommendation systems is a plus.

Preferred Qualifications

- Experience working with open-source models (e.g., Hugging Face, GPT, BLOOM) and vector databases like ChromaDB.

- Previous experience in startups or fast-paced tech companies.

- Familiarity with MLOps practices (CI/CD pipelines, model versioning, etc.).

Benefits & Perks

- Competitive salary and performance-based bonuses.

- Flexible work hours with the option to work remotely 2 days a week.

- **Health and Wellness:** Full health coverage, mental health support, and access to company-sponsored wellness programs (e.g., yoga sessions).

- **Paid Time Off:** 15 paid vacation days, 10 sick days, and 12 public holidays, along with generous parental leave policies (12 weeks for maternity and 6 weeks for paternity).

- **Career Growth:** Regular performance reviews and promotion opportunities based on merit, conducted every 18 months.

- **Professional Development:** Opportunities to attend conferences, workshops, and online courses.

- A vibrant company culture with weekly team meetings, regular social events, and an open-door policy that encourages collaboration and idea-sharing.

How to Apply

If you are excited about pushing the boundaries of machine learning and want to contribute to building innovative products that shape the future, we'd love to hear from you! Please send your resume and a brief cover letter to careers@techinnovators.com.

Tech Innovators Inc. is an equal opportunity employer. We celebrate diversity and are committed to creating an inclusive environment for all employees.

This job description aligns with the company's values and policies, while emphasizing the role's relevance to machine learning innovation.