**Job Title: AI/ML Engineer**

**Location:** Remote

**About Us:** We are a pioneering tech company committed to leveraging Artificial Intelligence and Machine Learning to drive innovations in privacy, security, and data management. Our team is dedicated to pushing the boundaries of AI applications across diverse industries, ensuring our solutions meet the highest standards of effectiveness and compliance.

**Role Overview:** We are seeking a talented and motivated AI/ML Engineer to join our dynamic team. The ideal candidate will play a crucial role in developing cutting-edge algorithms and solutions aimed at enhancing data security and compliance through innovative personal document identification masking techniques.

**Key Responsibilities:**

* Develop and optimize algorithms for personal document identification masking within a variety of document types.
* Collaborate with cross-functional teams to ensure solutions meet privacy regulations and enhance data security measures.
* Implement and fine-tune state-of-the-art machine learning models, such as YOLO V8, for specific applications like vehicle number plate detection.
* Design and deploy AI solutions that provide personalized recommendations and financial insights based on user preferences and requirements.
* Conduct performance analysis and research on activation functions and neural network architectures to improve classification accuracy.

**Requirements:**

* Bachelor’s degree in Computer Science, Artificial Intelligence, Machine Learning, or related field (B.Tech. Hons. preferred).
* Proven experience (internship included) in developing and deploying machine learning algorithms and AI solutions.
* Proficiency in Python, TensorFlow, NLTK, and other relevant AI/ML frameworks and libraries.
* Solid understanding of computer science fundamentals, including data structures, algorithms, and operating systems.
* Strong analytical skills and ability to work independently or in a team environment.
* Excellent communication skills and a passion for staying updated with the latest advancements in AI/ML technologies.

**Preferred Qualifications:**

* Experience with cloud platforms (AWS, Google Cloud) for deploying AI models.
* Familiarity with computer vision techniques and tools (OpenCV, PyTorch).
* Publication record or significant project contributions in AI/ML.

**Benefits:**

* Competitive salary and benefits package.
* Remote work flexibility.
* Opportunity to work on cutting-edge AI projects with a talented and collaborative team.
* Professional development opportunities and support for continuous learning.

**How to Apply:** Interested candidates are encouraged to submit a resume along with a cover letter outlining their qualifications and interest in the position to [Email Address]. Please include links to GitHub, LinkedIn, or any relevant portfolio showcasing your AI/ML projects and contributions.