JOBS AT GRAMENER

Details of the Role

Generative AI Engineer

Location: ITPL, Whitefield, Bangalore, India

About the Job

Are you interested in solving complex business problems with the help of data and insights? You can be a key driver in transforming our business with the help of data and analytics.

In this job, you will:

- As a Generative AI Engineer, you will play a crucial role in designing, developing, and implementing cutting-edge generative artificial intelligence models and systems.
- Your expertise will contribute to creating AI-powered solutions that generate high-quality content, images, text, audio, or other media while pushing the boundaries of creativity and innovation.
- You will collaborate closely with cross-functional teams to deliver AI-driven products that reshape industries and user experiences.
- This role requires a deep understanding of machine learning, neural networks, and generative modeling techniques.

To join us, you should have:

- Research and Development: Stay up-to-date with the latest advancements in generative AI, deep learning, and related fields. Contribute to the research and development of novel generative models, exploring new algorithms and methodologies.
- Model Architecture: Design and develop custom generative models tailored to specific applications. Experiment with various neural network architectures such as GANs (Generative Adversarial Networks), VAEs (Variational Autoencoders), and more.
- Data Processing: Prepare and preprocess datasets to be used for training generative models. Apply techniques such as data augmentation, normalization, and transformation to ensure optimal model performance.
- Training and Optimization: Train generative models on large-scale datasets using appropriate frameworks and libraries. Optimize models for efficiency, speed, and quality of generated output.
- Hyperparameter Tuning: Fine-tune model hyperparameters to achieve optimal performance, balancing factors such as convergence speed, stability, and output diversity.
- Evaluation Metrics: Develop and implement metrics to evaluate the quality, diversity, and novelty of generated content. Continuously iterate on models to improve these metrics.
- Deployment: Collaborate with software engineers to integrate generative models into production systems. Ensure scalability, reliability, and efficiency of the deployed models.
- Collaboration: Work closely with cross-functional teams, including machine learning engineers, data scientists, designers, and product managers, to translate business requirements into generative AI solutions.
- Documentation: Document your research, experiments, and codebase thoroughly. Create clear and concise documentation for fellow engineers and stakeholders.
- Continuous Learning: Stay informed about industry trends and emerging technologies. Attend conferences, workshops, and seminars to maintain expertise in the field of generative AI.

Qualifications:

- Bachelor's, Master's, or Ph.D. in Computer Science, Engineering, or a related field.
- Strong foundation in machine learning, deep learning, and neural networks.
- Proficiency in programming languages such as Python and relevant AI libraries (TensorFlow, PyTorch, etc.).
- Experience with generative modeling techniques (GANs, VAEs, etc.) and their applications.
- Solid understanding of data preprocessing, feature extraction, and model evaluation.
- Experience in training and optimizing neural networks on large datasets.
- Familiarity with cloud computing platforms and distributed computing is a plus.
- Strong problem-solving skills and a creative mindset.
- Excellent communication and teamwork abilities.
- Portfolio of previous generative AI projects or publications is desirable

About Gramener

We write software that tells data stories. We told a global computer manufacturer to "focus on order delivery time. It'll increase NPS by 18% with incremental revenue of >$50M". We predicted mosquito release points for a foundation to cut down process times from 3 weeks to 2 hours in a mission to protect 100M lives from malaria in 5 years.". We are good at what we do, which is why we are growing by 40% every year. We're looking for team members who share our vision and will help us scale.