Job Title	Gen AI Developer
No of years' Experience	• 2+ years of IT experience (AI/ML/DS Domain)
Technology	• Gen AI Technologies: Prompt Engineering, LLM Development using Langchain. Semantic Kernel , Open Source/ API based LLMs .. • Python Data Science, Machine Learning, Deep Learning, PySpark, PyTorch, TensorFlow, Keras, etc • AIML Subfields such as Neural Networks, Computer Vision, Speech Processing, Natural Language Processing • AIML Tools such as AzureML, Google ML, AWS AI/ML, H2O, DataBricks, DataRobots and any other tools
Key Skills	▪ Gen AI Development : ▪ Data collection and preparation: Collect and prepare data for training and evaluating LLMs. This may involve cleaning and processing text data, or creating synthetic data. ▪ Model development: Design and implement LLM models. This may involve choosing the right architecture, training the model, and tuning the hyperparameters. ▪ Model evaluation: Evaluate the performance of LLM models. This may involve measuring the accuracy of the model on a held-out dataset, or assessing the quality of the generated text. ▪ Model deployment: Deploy LLM models to production. This may involve packaging the model, creating a REST API, and deploying the model to a cloud computing platform. ▪ Responsible AI: Should have proficient knowledge in Responsible AI and Data Privacy principles to ensure ethical data handling, transparency, and accountability in all stages of AI development. Must demonstrate a commitment to upholding privacy standards, mitigating bias, and fostering trust within data-driven initiatives. ▪ Experience in working with ML toolkit like R, NumPy, MatLab etc.. ▪ Experience in data mining, statistical analysis and data visualization
Roles and Responsibilities	• LLM Development/Deployment Pipeline creation, workflows • Study and transform Gen AI PoCs to production grade deployment • Design machine learning systems, Run machine learning tests and experiments • Research and implement appropriate ML algorithms and tools • Develop machine learning applications according to requirements • Select appropriate datasets and data representation methods • Perform statistical analysis and fine-tuning using test results • Train and retrain systems when necessary