Dear Hiring Manager,

I am excited to apply for software or an AI/ML Engineer at D. E. Shaw India Private Limited. As a final-year Computer Science Engineering student with a strong foundation in artificial intelligence and machine learning, coupled with hands-on experience in SAP ABAP, I am eager to contribute innovative solutions to your esteemed team.

During my internship at **Ford Motor Company**, I honed my technical and analytical skills, working on SAP ABAP and ABAP OOP projects involving data conversion techniques such as BDC, LSMW, LTMC, and BAPI. I contributed to RICEF development, optimizing data migration efficiency and ensuring 100% data accuracy. Collaborating with cross-functional teams, I helped deliver robust SAP ERP solutions, fostering my ability to tackle complex challenges in enterprise systems.

Beyond my SAP experience, my technical journey spans impactful AI/ML projects, including:
• **Suicidal Mitigation Chatbot:** Currently developing a chatbot using a **seq2seq model**, designed to detect and respond empathetically to users' emotions, providing a safe space for open conversations.
• **Emotion Prediction Model:** Developed an **RNN** model to classify emotions in real time, showcasing practical applications of deep learning.
• **Face Recognition Attendance System:** Built a **CNN**-based system with **MySQL** integration to automate attendance tracking.
• **Handwritten Digit Predictor:** Created a **CNN** model for digit classification, achieving high accuracy in processing handwritten inputs.

My technical competencies include:
• Proficiency in **AI/ML frameworks** such as TensorFlow and Keras.
• Experience in building and deploying **deep learning models** (RNN, CNN, seq2seq).
• Strong programming skills in **Python, Java, and SAP ABAP OOP**.
• Experience with **SQL databases and backend integration**.

Additionally, my multilingual communication skills in **English, Hindi, Tamil, and Malayalam** and ability to work collaboratively in cross-functional teams enable me to thrive in diverse environments.

Joining D. E. Shaw India Private Limited as a software or an AI/ML Engineer is an exciting opportunity to combine my passion for machine learning with my experience in enterprise solutions. I am inspired by D. E. Shaw India Private Limited commitment to technological innovation and would be honoured to contribute to shaping the future of intelligent mobility.

I welcome the opportunity to further discuss how my background and skills align with your team's vision. Thank you for your time and consideration.

Warm regards,
Brijesh
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