

ARUNACHALAM

software engineer

India

4th july 2025

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Hiring Manager,
Genpact Ltd.
chennai

JOB REFERENCE: SOFTWARE ENGINEER

Dear Hiring Manager,

I am writing to express my strong interest in the Software Engineer position at Genpact Ltd.. As a Recent graduate B.Tech student specializing in Artificial Intelligence and Data Science, I bring hands-on experience in Python development, machine learning, and full-stack web development. My background, shaped by internships at Acenurture and Ecreede Technologies, aligns seamlessly with the demands of a dynamic software engineering role in today's IT landscape.

During my AI Engineer internship at Acenurture, I developed and deployed machine learning models using Python, TensorFlow, and Scikit-learn. I integrated these models into web applications through RESTful APIs using Django and Flask. My contributions included building NLP-based solutions, implementing computer vision algorithms with OpenCV, and optimizing data pipelines using Pandas and SQL.

At Ecreede Technologies, I worked on entity extraction systems and deepened my understanding of feature engineering and model evaluation. These projects not only strengthened my technical foundation but also reinforced the importance of scalable and privacy-conscious design – a principle I applied while building a real-time Student Attention Monitoring System using facial landmark detection and deep learning.

My proficiency in Python, Django, SQL, and Git, combined with knowledge of cloud platforms like AWS and CI/CD pipelines, positions me to contribute effectively in collaborative, Agile-driven environments. I am particularly excited about joining a company that values innovation, growth, and impactful software development.

I would welcome the opportunity to bring my passion for building intelligent systems and my problem-solving mindset to your team. Thank you for considering my application. I look forward to the opportunity to further discuss how I can contribute to your organization's success.

Sincerely,

Arunachalam