

# Rohit Patil

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Dear Hiring Manager,

I am writing to express my interest in a Machine Learning Engineer position. With a solid foundation in Computer Science and Business Systems, complemented by hands-on experience in machine learning, MLOps and web development, I am excited about the opportunity to contribute to innovative projects and help drive the future of AI and machine learning.

I am currently pursuing my degree at JSPM's Rajarshi Shahu College of Engineering, where I have developed a strong proficiency in Python, Machine learning libraries C++, and Data Structures and Algorithms. My academic achievements are underscored by a CGPA of 9.35, reflecting my dedication to mastering both theoretical and practical aspects of computer science.

During my internship at Hellbent Software & Educational Services LLP, I led a team in redesigning an e-commerce website as a front-end developer, utilizing HTML and CSS. This experience honed my ability to manage projects, collaborate effectively, and deliver high-quality results within tight deadlines. Additionally, I have undertaken machine learning projects that demonstrate my technical skills and problem-solving capabilities:

- **MCQ Generator using OpenAI and Langchain:** Developed a Streamlit application that automatically generates multiple-choice questions from PDFs. The project, hosted on AWS (EC2), showcases my ability to leverage advanced AI models for real-world applications.
- **Talk to PDF Chatbot:** Utilized the Gemini Pro API and Langchain to create a chatbot that extracts and analyzes text from PDFs. Implementing MLOps principles, I ensured a modular architecture and enhanced system synchronization and efficiency.

These projects not only highlight my technical expertise but also my commitment to applying machine learning techniques to solve complex problems. I am particularly excited about the possibility of contributing to a team renowned for its cutting-edge AI solutions and innovative approach to technology.

I am eager to bring my skills and enthusiasm to your team, where I can further develop my expertise in machine learning and generative AI. I am confident that my background, combined with my passion for AI and continuous learning, makes me a strong candidate for this role.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experiences align with the needs of your team. Please feel free to contact me at +91-8888608034 or via email at rohitspatil30@gmail.com to schedule an interview.

Sincerely,

Rohit Patil