**Pratham Agarwal**  
Meerut, India  
+91 8006058885  
[pra102030@gmail.com](mailto:pra102030@gmail.com)  
October 20, 2024

Hiring Manager  
Tower Research Capital  
Gurgaon, India

Dear Hiring Manager,

I am writing to express my interest in the Software Engineer I position within the Post-Trade team at Tower Research Capital. With a Bachelor’s degree in Computer Engineering from the Thapar Institute of Engineering and Technology and professional experience as a Technology Summer Intern at Barclays, I am eager to contribute my technical expertise to your team.

At Barclays, I developed a web application that automated critical manual tasks such as the generation of IBM TWS and TIP sheets, reducing the required time by 90% and enhancing accuracy by 85%. My hands-on experience with Python, Django, and SQL has strengthened my problem-solving skills, particularly in building scalable and efficient solutions for complex processes. I am confident that these skills will allow me to contribute to the development of Tower’s Post Trade Platform, including P&L management, reconciliation systems, and regulatory reporting.

In addition to my technical capabilities, I have strong collaboration and communication skills, which were instrumental in my role as a DSA Mentor at ACM Thapar. By mentoring over 50 students, I honed my ability to work effectively in teams and ensure smooth knowledge sharing, making me well-equipped to work alongside Tower’s cross-functional teams.

I am particularly excited about the opportunity to work in a fast-paced environment like Tower’s, where technological innovation plays a key role in driving efficiency and performance. I am enthusiastic about applying my knowledge of Python, Java, and SQL in an environment that values creativity and problem-solving.

Thank you for considering my application. I look forward to the opportunity to discuss how my background, skills, and passion for technology align with the goals of Tower Research Capital.

Sincerely,  
Pratham Agarwal