ADITYA RAJ

✉ adityaraj21103@gmail.com   in linkedin.com/in/aditya-46-raj   📞 +916207943272

July 29, 2025

Hiring Manager
Tower Research Capital

Gurgaon, Haryana

Subject: Application for Core Internship

Dear Hiring Manager,

I am a third-year Electronics and Communication Engineering student at NIT Patna, and I was thrilled to see the opening for the Core Engineering Intern position. I have a strong interest in the intersection of technology and finance, and I am particularly drawn to the complex, high-impact engineering challenges that Tower Research Capital is known for solving.

My passion for problem-solving is what drives me. I have built a solid foundation in data structures and algorithms, which I constantly apply and refine through competitive programming on platforms like CodeChef and HackerRank. I am proficient with Python, C++, and SQL, and I am comfortable working in a Linux environment.

I enjoy taking projects from an idea to a finished product. For instance, I recently developed an AI Chatbot using the Gemini API, where I handled the entire process from the user interface to the backend logic. This experience, along with my other projects, has given me valuable practice in building and optimizing software.

The opportunity to contribute to Tower's innovative post-trade platforms and learn from your team of exceptional engineers is very exciting to me. I am eager to apply my skills to real-world challenges and contribute to your work.

Thank you for your time and consideration. My resume is attached, and I hope to have the chance to speak with you soon.

Sincerely,

Aditya Raj
B.Tech Student, NIT Patna