

# Sakshi Kumari

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October 3, 2025

The Hiring Team  
Tower Research Capital  
New York, NY

**Subject: Application for Software Development Engineer in Test (SDET)**

Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Software Development Engineer in Test (SDET) position at Tower Research Capital. As a Computer Science student with a strong foundation in software development and a passion for problem-solving, I am confident that my skills align perfectly with the qualifications you are seeking.

The job description's emphasis on Python proficiency resonates with my experience. My project, a peer-to-peer chat application, was built using Python with sockets and threading, demonstrating my ability to handle complex programming tasks. Furthermore, I possess the desired competencies in C++, SQL, MongoDB, and Git. My background in Data Structures and Algorithms, evidenced by solving over 600 problems on LeetCode and achieving high ranks in competitive programming, has honed my problem-solving abilities to thrive in a fast-paced, results-oriented environment like Tower's.

My internship experience in an Agile team has provided me with practical knowledge of the software development lifecycle and the importance of rigorous testing to ensure quality releases. I am adept at collaborating with development teams and stakeholders, a key responsibility in this role. I am eager to apply my skills to design robust test artifacts and contribute to maintaining the high-performance platform that Tower is renowned for.

Thank you for considering my application. I have attached my resume for your review and welcome the opportunity to discuss how my skills in software development and quality assurance can be an asset to Tower Research Capital.

Sincerely,

Sakshi Kumari