

Cover Letter

Dear Hiring Manager,

I am writing to express my interest in the Software Engineer position at Mastercard. With a robust background in software development and a passion for contributing to an inclusive, digital economy, I am excited about the opportunity to bring my expertise in programming, cloud technologies, and artificial intelligence to Mastercard's innovative team.

I hold an M.Sc. in Computer Science from Trinity College Dublin and a B.E. in Computer Engineering from Savitribai Phule Pune University. My academic background, combined with hands-on experience in full-stack development and AI, has equipped me with a solid foundation to excel in this role.

At Bricshub.com, I developed a blockchain-based website for carbon credit accounting, significantly reducing accounting errors by 30%. This project required robust user authentication mechanisms and secure coding practices, aligning with Mastercard's emphasis on security and vulnerability management. Additionally, my role involved deploying solutions on AWS, showcasing my ability to manage and implement cloud technologies effectively.

During my internship at Hodek Vibration Technologies, I contributed to web development projects using HTML, CSS, JavaScript, Python, and React, achieving a 25% increase in user engagement. Leading a 15-member testing team, I implemented automation testing scenarios that reduced testing time by 60%, demonstrating my capability in continuous integration and delivery.

The projects I have undertaken, such as developing a decision-support dashboard for sustainable city management and creating a system for detecting diabetic retinopathy using convolutional neural networks, highlight my proficiency in cutting-edge technologies and my commitment to innovation.

I am excited about the prospect of joining Mastercard and contributing to its mission of connecting and powering a digital economy that benefits everyone. Thank you for considering my application. I look forward to the opportunity to discuss how my background, skills, and enthusiasm align with the goals of your team.

Warm regards,

Sanat Paranjape