Dear Hiring Manager,

My name is Radhika Joshi and I am writing this letter to express my strong interest in pursuing Software Engineering full-time opportunities within your organization at Apple. I am currently pursuing my Master's degree in Computer Science and Engineering at Santa Clara University (SCU), CA. Before commencing my graduate studies, I obtained my undergraduate Bachelor's degree in Computer Engineering and acquired invaluable experience at TIAA, a Fortune 100 fintech company.

My Masters degree has helped enhance my technical skills and knowledge in software engineering and development. The courses I have undertaken, such as Advanced Web Programming, Advanced Database Management Systems, Big Data and Operating Systems, have provided me with a solid foundation and hands-on experience in this field. Moreover, it has helped me stay updated on recent technologies via subjects such as Machine Learning and Artificial Intelligence. I recently had the opportunity to work as a Research Assistant in the Database and Information System Lab at SCU, where I focused in the domain of query scheduling and resource management for big data management systems and submitted a vision paper to the IEEE Big Data Conference 2023, showcasing my commitment to research and innovation. During this research, I gained vital knowledge about distributed serverless systems and modern industrial architectures across platforms such as Snowflake, Google's BigQuery, Amazon's Redshift and DynamoDB to name a few.

In addition, I have developed expertise in Big Data technologies, including Apache Hadoop, MapReduce, Apache Kafka, and Apache Spark, using Java, and Python. Furthermore, I possess practical experience in crafting serverless applications that seamlessly incorporate Cloud Firestore and Firebase, as well as in creating full-stack applications utilizing the MongoDB, ReactJS, ExpressJS, and NodeJS technology stack.

During my tenure at TIAA, I had the opportunity to work in the Digital Marketing Technology Team as a Quality Assurance (QA) Analyst where I primarily supported the development in Adobe Campaign, an omnichannel marketing platform. Apart from collaborating closely with Business Analysts, Product Owners and developers, I performed end-to-end functional and product validation, including data and UI validation. My efforts to automate several test scenarios helped increase the code coverage by 45% and increased operational efficiency by 60%. I collaborated closely with diverse business stakeholders across various teams and gave product presentations. In this dynamic environment, I consistently delivered high-quality results while adapting to evolving business requirements within an agile framework.

My QA experience makes me a better developer by enabling me to better understand business requirements, identify edge cases, perform robust unit testing and handle complex use-case scenarios during the development phase. I pride myself on being a motivated, dedicated, honest and performant team player who is passionate about designing and developing software solutions. With a desire for further learning and professional growth, I am on track to graduate in June 2024, and highly enthusiastic about leveraging my technical skills and professional experience to benefit your organization. I appreciate you considering my application and I am eager to learn more about your team and discuss how I can make meaningful contributions aligned to its objectives. Please find attached my resume for reference.

Sincerely,
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