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April 2, 2025

Dear Hiring Manager,

I am writing to express my interest in a software engineering internship position at Pivotal IT Services. As a Computer Science major at the University of North Carolina at Chapel Hill with experience in developing cloud solutions and a passion for creating accessible digital platforms, I am excited about the opportunity to contribute to government IT infrastructure projects.

My technical experience aligns well with the requirements for developing a cloud-based knowledge portal:

* Through my work on Nolyn, I designed and implemented a comprehensive cloud infrastructure using AWS services including DynamoDB, S3, API Gateway, and Lambda, which successfully supports 200+ school buses across Pitt County Schools.
* My experience with ReactJS to build an intuitive admin portal for school officials demonstrates my ability to create user-friendly interfaces that effectively organize and present complex information.
* As a machine learning researcher at UNC School of Medicine, I've gained valuable experience in structuring and organizing large datasets, which would be beneficial for knowledge management systems.
* My open-source contributions to Mozilla's bugbug project have strengthened my collaborative development skills working with established codebases and technical teams.

I am particularly drawn to Pivotal IT Services because of your commitment to enhancing government operations through innovative technology solutions. The prospect of creating systems that improve efficiency and knowledge sharing across government agencies represents meaningful work that aligns with my interest in using technology for public service.

As a full scholarship recipient and Carolina Scholar (top 1%), I bring a strong academic foundation along with practical experience in cloud development, database design, and web development. I am eager to apply these skills while learning about the unique challenges and opportunities in the government contracting space.

I would welcome the opportunity to discuss how my background and enthusiasm for cloud technologies could contribute to Pivotal IT Services' mission. Thank you for considering my application.

Sincerely,

Kaiji Fu