

Yashwanth Raj Tirupati

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June 21, 2025

Hiring Manager
Company Name
Location

Subject: Application for Lead OCP Engineer

Dear Hiring Manager,

I am writing to express my keen interest in the Lead OCP Engineer position. My background as a results-oriented AI/CV Engineer with an M.S. in Computer Science, coupled with my proven success in application migration projects, aligns perfectly with the requirements outlined in the job description. My expertise lies in optimizing on-device performance, improving model accuracy, and leading teams through complex migration projects, particularly within the Financial Services industry.

My experience at Cognizant Technology Solutions, where I served as both a Software Developer and Programmer Analyst Intern, provided me with a strong foundation in full-stack development and problem-solving. I significantly improved API response times by 15

Furthermore, my project experience significantly strengthens my candidacy. My leadership of the "Migration of Legacy Financial Application to OCP" project resulted in a 20

My personal project, "On-Device 3D Scene Reconstruction for VR," showcases my ability to optimize for resource-constrained environments. I developed a custom SLAM algorithm that decreased tracking drift by 40

Sincerely,

Yashwanth Raj Tirupati