

**SHYAMJITH S**

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Dear Hiring Manager,

I am writing to express my interest in the **Lead Software Engineer**, as advertised. With over eight years of experience in software development—specializing in Python-based web applications, REST API development, and modern frontend technologies like ReactJS—I am confident in my ability to contribute effectively to your team.

As a **Senior Software Engineer at Zealogics**, I have led the development of robust image processing solutions for semiconductor automation, leveraging Python and OpenCV. I also redesigned critical C# and C++ algorithms in Python to enhance performance and maintainability. My work on building SharePoint applications and AI-driven web platforms using Flask and React reflects my ability to deliver complex, full-stack solutions tailored to business needs.

Previously at **Admaren Tech**, I contributed to a highly customizable ERP system and developed real-time tracking systems for marine vessels. I utilized Django for backend APIs, Celery for task scheduling, and applied statistical analysis using Pandas. My focus on clean, efficient code and robust testing using Pytest and SonarQube helped streamline development and ensure product reliability.

In my role as a **Data Analyst at Carepact**, I applied machine learning techniques to predict product reorder points and optimized data migration pipelines, resulting in a 3x performance boost. I also played a key role in managing AWS cloud services and designing both relational and NoSQL database systems.

With a Master's and Bachelor's degree in Computer Applications from Srinivas Institute of Management, I bring a strong academic foundation to complement my hands-on experience. I am passionate about building scalable systems, exploring AI integrations, and continuously improving development practices.

I would welcome the opportunity to further discuss how my skills and experiences align with the goals of your team. Thank you for considering my application. I look forward to the possibility of contributing to [Company Name]'s success.