

a robust Hiring Team

a robust

Dear Hiring Manager,

I am writing to express my enthusiastic interest in a challenging software development role, leveraging my proven expertise in Artificial Intelligence, Machine Learning, and full-stack development. With a robust background encompassing both startup environments and academic rigor, I am confident in my ability to deliver impactful solutions and drive innovation.

In my role as a Junior Software Developer at OHEL TECHNOLOGIES, I gained hands-on experience in building and deploying scalable AI-driven systems. I successfully implemented asynchronous Python pipelines that significantly improved agent throughput and reduced turnaround times for LLM requests. My work included developing typed Python components and Flask REST API endpoints, enhancing system reliability and maintainability. I also achieved a ~20% reduction in operational costs by optimizing Google Cloud Platform resource usage and contributed to a 25% reduction in defects through test automation initiatives using Pytest. Furthermore, I developed full-stack chatbot interfaces with React, Node.js, and HTML/CSS, deploying them on Google Cloud App Engine, demonstrating my capability to manage projects from backend logic to front-end delivery.

My experience extends to founding ATC WEB SOLUTION, where I delivered full-stack applications for small businesses, managing the entire development lifecycle and ensuring client satisfaction through continuous feedback. Coupled with my academic foundation in Computer Science and Mathematics from Texas State University, and my leadership role in the AI Machine Learning Club, I possess a well-rounded skill set in Python, JavaScript, cloud platforms (GCP), and modern development methodologies.

I am authorized to work in the U.S. for any employer (W2) and am eager to apply my technical acumen and passion for cutting-edge technology to contribute to your team.

Thank you for considering my application. I look forward to the opportunity to discuss how my skills and experience align with your needs.

Sincerely, Adalberto Teran Castillo

Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to your team.

Adalberto Teran Castillo

Junior Software Developer