

## Cisco Hiring Team

Cisco

Dear Cisco Team,

I am writing to express my enthusiastic interest in the Software Engineer Full Stack & Application Development I (Intern) position. As a Computer Science student graduating in December 2024 with a strong foundation in full-stack development, backend services, user interfaces, and cloud platforms, I am eager to contribute to Cisco's innovative engineering community and help shape the future of connectivity and technology.

My experience as a Junior Software Developer at OHEL Technologies directly aligns with the demands of this role. I gained hands-on experience designing and building software solutions, specifically through implementing asynchronous Python pipelines for external API calls and LLM requests, which significantly improved throughput. I also developed Flask REST API endpoints using Pydantic and type hints, ensuring robust backend integration and reliability. My work extended to building LLM-powered agents for document interpretation and creating RAG pipelines that merged diverse data into centralized ML databases, demonstrating my ability to solve real-world problems with advanced technologies.

Furthermore, I have strong experience in user interface development and deployment. I built and deployed full-stack chatbot interfaces with React (JavaScript), Node.js, and HTML/CSS, leveraging Google Cloud App Engine for reliable uptime and autoscaling. My proficiency with Google Cloud Platform also allowed me to optimize resource usage, leading to a notable ~20% reduction in operational costs. I am also familiar with Docker for containerization and have a solid understanding of data structures, object-oriented programming, and SQL/NoSQL databases, all critical for developing impactful features and distributed systems.

The opportunity to collaborate with talented engineers and product managers at Cisco, contributing to industry-leading products and platforms, is particularly exciting. I am a

proactive learner who values creativity and inclusion, and I am confident that my skills in Python, JavaScript/TypeScript, React, API development, and cloud deployment would be a valuable asset to your team. I am authorized to work in the U.S. without sponsorship.

Thank you for considering my application. I look forward to the possibility of discussing how my qualifications and passion for full-stack application development can benefit Cisco.

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