Haruto Tanaka

Atlanta, GA, 31008

htanaka5@proton.me

+14046643070

February 1, 2025

Hiring Manager

EnergyHub, Inc.

41 Flatbush Avenue, Suite 400A

Brooklyn, NY 11217

Dear Hiring Manager,

I am excited to apply for the Support Engineer position at EnergyHub. As a Computer Science student at Georgia Tech, graduating in December 2025, I am eager to contribute to your mission of empowering utilities and consumers to create a clean, distributed energy future. Your commitment to innovation and collaboration resonates deeply with my passion for leveraging technology to solve real-world challenges, particularly in sustainability.

In my studies and projects, I have developed skills that align closely with this role. For instance:

1. Root Cause Analysis and Debugging: Through coursework and personal projects, I've honed expertise in identifying root causes of technical issues by analyzing logs, code, and data. My proficiency in Java (using tools like Spring Boot and Hibernate) and Python (with libraries such as Flask and Pandas) enables me to debug efficiently and implement solutions effectively.

2. Scripting and Automation: I've created Python scripts for data migrations, process improvements, and automation tasks—skills I believe will translate seamlessly into maintaining and enhancing EnergyHub's systems.

3. Collaboration Across Teams: As a teaching assistant for an Intro to CS course, I've strengthened my communication and teamwork abilities while helping students build strong foundations in programming. Whether working on group projects, mentoring peers, or contributing to open-source initiatives, I thrive in collaborative environments where clarity and alignment drive success.

What excites me most about joining EnergyHub is the opportunity to work at the intersection of cutting-edge technology and sustainability—a field I'm personally passionate about. Supporting innovations like virtual power plants, smart thermostats, and EVs that stabilize the grid and enable renewable energy adoption feels incredibly meaningful. While I may be early in my career, I bring a strong foundation in software engineering principles, hands-on app development experience in Java and Python, and a proactive mindset.

Thank you for considering my application. I would welcome the opportunity to discuss how my background, skills, and interests align with EnergyHub's needs. Please feel free to contact me at [your phone number] or [your email address] to schedule a conversation.

Sincerely,

Haruto Tanaka