Kaihui Xie

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Nick Selz
Kaya AI
New York, NY

Dear Nick,

I am writing to express my interest in the Full Stack Machine Learning Engineer position at Kaya AI. With my background in machine learning, full-stack development, and automation, combined with a passion for leveraging AI to solve complex challenges, I believe I am well-suited to contribute to Kaya AI's mission of revolutionizing the construction industry.

In my recent role as a Machine Learning Engineer Intern at Silicon Valley Commerce, I built a platform integrating GPT-4 and Stable Diffusion for automating content generation, leveraging Flask and Node.js for the back end and increasing productivity by 25%. I also developed a web scraping tool using Python and MySQL to automate data collection, significantly reducing manual effort. These experiences have given me a strong foundation in building scalable, AI-driven solutions, and I am excited by the opportunity to apply these skills to solving real-world problems in construction with Kaya AI.

Your focus on AI-driven workflow automation, especially in areas like supply chain and spend visibility, aligns well with my experience in building efficient data pipelines and developing full-stack applications. I am confident that my technical expertise in machine learning frameworks such as PyTorch and TensorFlow, as well as my proficiency in both front-end and back-end technologies, would enable me to make valuable contributions to your team.

I am particularly excited about the opportunity to work in a collaborative, innovative environment at Kaya AI, and to contribute to transforming the construction industry. I am eager to bring my skills in machine learning and full-stack development to this role, and I look forward to the chance to discuss how I can support your goals.

Thank you for considering my application. I would love to further discuss my qualifications and how I can contribute to Kaya AI’s success.

Sincerely,
Kaihui Xie