

Erica Troncoso

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Dear Hiring Manager,

I am excited to apply for the Generative AI and Health Technology Support position at ARPA-H. With over a decade of experience in digital solution strategy, technical leadership, and product management, I am eager to contribute to the team at ARPA-H, leveraging cutting edge technology to provide health solutions for all.

As Senior AI Strategist for Global Digital Solutions at Abt Global, I lead the AI technical design and solution strategy for multimillion-dollar programs for US government customers spanning health systems, climate resilience, and economic development sectors. Across my career, I have led multiple organization-wide AI and emerging technologies strategies and collaborated with leadership to operationalize and implement the strategies over a one to three-year timeline. I have extensive experience presenting technical concepts for diverse audiences, establishing and maintaining strategic positions with key clients and competitors. I excel at driving execution by maintaining open and transparent communication, and the ability to translate complex technical concepts into actionable strategies. For example, during the “Predicting Climate and Health Risk for Pregnant Women in Tajikistan” project, I successfully managed a diverse set of stakeholders, including program staff, internal leadership, client leadership, and Tajikistan government bodies. I effectively addressed their expectations, resolved technical inquiries, and maintained alignment of goals.

I also have managed over 15 AI projects at various levels of scale and with diverse applications, from predictive machine learning for global health to generative AI solutions for qualitative research. My role in these projects is to own the full lifecycle of AI solutions, from ideation through to deployment and scale. By bridging technical implementation with market or user needs, I ensure the successful delivery of tailored solutions to clients. I collaborate closely with 10-20 person cross-functional teams, including data scientists, developers, subject matter experts, and end users to sharpen value proposition, assess and resolve issues quickly, and efficiently deliver technically robust solutions. Notable Generative AI projects I have managed include:

- **AWS Transcribe for Qualitative Research:** Enabled more efficient transcription and analysis at a lower cost in qualitative research processes across multiple projects with US government agency clients, such as US Department of Housing and Urban Development (HUD).
- **Custom GenAI Tool for Multi-Country Deployment:** Developed a custom GenAI tool for project staff to enhance productivity and facilitate real-time knowledge management. Integrated tool into daily workflows significantly improved accessibility and the practical application of project data.

I look forward to the opportunity to discuss how I can contribute my expertise in GenAI to the ARPA-H team. Thank you for your time and consideration.

Sincerely,



Erica L. Troncoso, MA