|  |  |
| --- | --- |
| Hemanto Bairagi | 7-56 Radcliffe Cres S.E, AB T2A 6L9 Calgary T2A 6L9, 7-56 Radcliffe Cres S.E, AB  5872168171  [hemanto.bairagi@alumni.ucalgary.ca](mailto:hemanto.bairagi@alumni.ucalgary.ca) |

Feb 11th, 2024

Scale AI

RE: AI Consultant

Dear Hiring Manager,

Please accept this letter as an expression of my interest in the AI Consultant position. I am a highly motivated and progress-focused Software Engineer with a long-standing background in this industry. Throughout my career I have shown a track record of initiative and dependability, furthermore I have devised strategic initiatives which I believe will prove valuable to Scale AI. Throughout the course of my career, I have perfected designing software applications and algorithm implementation abilities. I am a capable and consistent problem-solver skilled at prioritizing and managing projects with proficiency. Furthermore, I have a double honor in both Physics and Astrophysics from the University of Calgary with a background in Software Engineering which satisfies education requirements. Additionally, I have an extensive background in using, but not limited to, C++, C#, JavaScript, Java, Python, HTML, CSS, JavaScript, C, Apache, and Linux in a professional Dev-Ops environment deploying machine learning algorithms on cloud servers, built using agile methodologies in a full stack process. This background will allow me to create sophisticated data solutions to software problems in a scalable fashion, and learn any technologies required at rapid speed. I believe this background will be valuable to Scale AI, as it demonstrates I excel at creating automated, scalable, and efficient solutions which I believe will be a valuable addition to Scale AI.

In my current role, I contributed innovation, problem-solving, and solutions deployment toward team efforts and business improvements. I am progressive minded and in tune with new developments in my field. I have proven to be effective and collaborative with strong critical thinking talents. This allowed me to create Adamas Audio, a web app that employs Machine Learning to synthesize voices and Latin characters from pictures in a cheap and hyper efficient manner to produce high quality audiobooks. Currently the web service is down due to post-production maintenance. Through the IBM Startup Partnership Program, I have gained initial funding to maintain the web service until profitable or 6 months whichever comes first, starting May 1st 2023. My hope is to leverage its profitability into a patent this calendar year. Full functionalities are given in this article: <https://adamas-audio.medium.com/adamas-audio-machine-learning-and-web-development-to-produce-cheap-audiobooks-and-voice-cloning-a05608e4485f> and it is being hosted at <https://www.adamasaudio.com/>. The current update consists of software production and integration that can be tracked with this repository: <https://github.com/Orko24/FFMPEG_Golang_replacement>. This update will allow more scalability and profitability of Adamas Audio, allowing it to hopefully be patented sometime this year.

The gaps in my resume can be explained by 2 of the following, medical issues of family members and market conditions. I had to put my career on hold temporarily due to having to take care of a family member after they had a heart attack in early 2022. This motivated me to create Adamas Audio to demonstrate I have the software engineering capabilities to excel in this extremely competitive marketplace. Throughout this process of having multiple interviews with Palantir Technologies, MDA, Brainbox AI, Goldman Sachs and being told my resume would be kept on file, and due to the current state of the economy they would need more experienced candidates. These positions primarily focused on AI development and web development using C/C++, python, Keras, TensorFlow and Pytorch and Django. Currently I am working as an AI consultant at Scale AI Remote Tasks. While this opportunity does give me an opportunity to generate value using my skills, this is fundamentally part-time work and unstable due to the lack of communication at Remote Tasks, and I believe my growth is being hindered by the lack of opportunity for stable growth.

Thus, I am submitting my candidacy to Scale AI as I believe my talents and experience would add value to the firm, furthermore I would like to gain further experience in my career in a similar field and gain the experience required to thrive in this field. Please take a moment to review my attached resume and credentials. I would greatly appreciate the opportunity to speak with you regarding my candidacy.

Sincerely Yours,

Hemanto Bairagi