

July 17<sup>th</sup>, 2023

Ericsson

RE: Junior Software Developer(s) (726374)

Dear Hiring Manager,

Please accept this letter as an expression of my interest in the Junior Software Developer(s) (726374) 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 Ericsson. 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, C, Apache, Linux, Kubernetes, virtualization, Git, and object-oriented design patterns 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 Ericsson, as it demonstrates I excel at creating automated, scalable, and efficient solutions which I believe will be a valuable addition to Ericsson.

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 postproduction 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 1<sup>st</sup> 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](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. Thus over the Christmas Break I applied to Palantir Technologies and call from Qadira Muhammad (<https://www.linkedin.com/in/qadira-muhammad-a02a72132/>) indicating I qualified to be interviewed as Forward Deployed Software Engineer. I made it to round 3 where I was interviewed by Alexander Van Rojen: <https://www.linkedin.com/in/alexandervanroijen/>, Tino Petros: <https://www.linkedin.com/in/tinopetros/>, and Niels Rasmussen : <https://www.linkedin.com/in/nielsrasmussen387/>. The feedback was I need a bit more experience to fill the position of forward deployed engineer and due to the market, the need for sponsorship is beyond initial cost benefit. However, the interview date was March 9<sup>th</sup> and all interviewers indicated I'd an excellent candidate to fill that position however, March 10<sup>th</sup>, 2023, Silicon Valley Bank collapsed, and I was not given the offer and my recruiter Qadira was also let go, indicating this was a market phenomenon. I then contacted Hassan Siddique (<https://www.linkedin.com/in/hasiddiqui/>) who indicated that I would be an excellent fit for the Junior Software Developer(s) (726374) position at Ericsson and thus I would like you to 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