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**Software Development • DevOps • Fullstack Engineer**

Dear Hiring Manager,

I am excited to apply for the [Role] position at [Company]. With a strong foundation in software development engineering, full-stack development, database management, and machine learning, I bring a problem-solving mindset and a passion for optimizing complex systems. My experience modernizing ETL processes, leading software migrations, and developing innovative solutions positions me to contribute effectively to your team.

In my role as a software development engineer at Cambia Health Solutions, I streamlined directory maintenance jobs by migrating DataStage workflows to Python, significantly improving efficiency and reducing developer workload. Additionally, I led the migration of a complex enrollment channel ETL process, transforming and integrating data from 834 CSV files into an internal database, ensuring seamless business operations. I have also played an integral role in production support, system upgrades, and Agile methodologies, balancing technical execution with strategic problem-solving.

Beyond my professional experience, my academic projects highlight my ability to design and implement machine learning solutions. In my Boeing log analysis capstone project, I developed a log anomaly detection system using machine learning techniques such as logistic regression, k-means clustering, and TF-IDF to detect potential cyber threats. I also built an interactive GUI with Tkinter and simulated DDoS attack scenarios to test the model’s robustness. An additional source of full-stack development I have is from building a healthcare database with a GUI using SQL Server and C#/Dapper.

My technical expertise includes Python, Java, C++, DataStage, SQL, SDLC, TDD, ETL processes, cloud-based infrastructures, containerization/virtualization, Jenkins CI/CD, and Agile methodologies. I thrive in collaborative, fast-paced environments where I can contribute both technical innovation and operational efficiency. I enjoy growing my skills and further refining them so that I may contribute to a group’s strength with my own. Currently, a project I am working on has been fruitful in that I am exploring the use of React in setting up a personal web server. I take a lot of joy in looking for new technologies that could aid in the development of either my personal or professional projects.

I am eager for the opportunity to bring my problem-solving abilities and technical expertise to [Company]. I am sure my experience coming from the healthcare world could be of some use, and ease my potential transition. I, not only look forward to continuing to make a difference in this world of uncertainty that we find ourselves living in, but I also welcome the chance to discuss how my experience aligns with your team’s needs. Please feel free to contact me at your convenience to schedule a conversation. I look forward to sharing what my resume cannot, in terms of personality, work ethics, and other strengths!

Thank you for your time and consideration. I look forward to the opportunity to contribute to your team!

**Sincerely,**

**~ James Frank Mare'**