

**\*\*Mariia Timofeeva\*\***

+61491756365

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timofeevamariavictorovna@gmail.com

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<https://www.linkedin.com/in/mariia-timofeeva/>

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the Senior Data Scientist - Personalisation position at SEEK Limited. With a PhD in Engineering and over three years of industry experience in Data Science and AI Engineering, I am well-equipped to develop and deploy scalable ML models and create impactful AI experiences, aligning perfectly with this role.

My career demonstrates a strong track record in leading complex projects and delivering advanced machine learning solutions. At CSL Limited, I develop hybrid models integrating ML algorithms for bioreactor performance and optimize cloud-based ETL pipelines. I also shape AI experiences by developing a RAG-based chatbot for context-aware SQL query generation and a RAG system for a 6,000-page user guide, enhancing search efficiency. My proficiency with ML libraries (Scikit-learn, PyTorch, XGBoost), NLP, LLM, and cloud technologies (AWS, Docker, FastAPI) enables scalable solution deployment.

My experience consistently involves creating tailored solutions, directly transferable to personalisation initiatives. During my PhD, I led projects to optimize personalized treatment strategies. As a Research Fellow, I developed multi-scale digital twins and optimized mathematical models for accurate drug dosage predictions, demonstrating my ability to deliver highly specific solutions. My current chatbot's context-aware SQL query generation also reflects personalised data interaction.

I am drawn to SEEK's "Top 10 Best Place to Work" recognition and the opportunity to contribute to a global team. My analytical thinking, stakeholder management, and communication skills are vital for collaborating and shaping technical direction within your dynamic environment.

My senior-level experience in leading ML and AI projects, coupled with my ability to develop tailored solutions, makes me an ideal candidate. I am eager to discuss how my skills can contribute to SEEK's personalisation initiatives and welcome an interview opportunity.

Sincerely,

Mariia Timofeeva