# A M A N   Z A V E R I

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Dear Hiring Manager,

I am writing to express my enthusiastic interest in the AI/ML Software Engineering Co-op position at CogniHealth. The opportunity to contribute to a startup revolutionizing brain health through accessible AI-powered conversations deeply resonates with my passion for leveraging technology to improve lives. CogniHealthâ€™s mission aligns perfectly with my desire to apply my skills to create impactful solutions in the healthcare space.

My experience in building and deploying AI/ML solutions, coupled with my strong software engineering background, makes me a great fit for this role. For example, I automated event anomaly-detection pipelines using Selenium and PGVector, resulting in a 75% reduction in processing time. This demonstrates my ability to build efficient data pipelines, a skill crucial for processing voice recordings and ML outputs, as described in the job description.

Furthermore, I have experience building user dashboards that visualize complex data. I deployed a diagnostics dashboard in Kotlin and Jetpack Compose, cutting debug time by 30% across teams. This showcases my ability to create intuitive UIs for presenting brain health insights to non-technical users using React and TypeScript, as outlined in the responsibilities. I am also eager to apply my backend experience to create APIs serving ML predictions.

I am a fast learner, a strong communicator, and a team player, and I am genuinely excited about the prospect of working alongside the founding engineers at CogniHealth to ship impactful features. My ability to quickly grasp new concepts, coupled with my excitement about production AI/ML, will allow me to contribute meaningfully from day one.

Thank you for considering my application. I am eager to learn more about this opportunity and discuss how my skills and experience can benefit CogniHealth.

Aman Zaveri