

April 19, 2025

Socure

**Re: Application for Head of Data, Machine Learning, and Application Platform**

Dear Dave J. Arnold,

I am writing to express my enthusiastic interest in the Head of Data, Machine Learning, and Application Platform position at Socure, as advertised on LinkedIn. My resume, which I've attached, details my extensive experience in architecting, building, and scaling high-performance cloud infrastructure, data platforms, and applications – precisely the kind of experience I believe is crucial for success in this role. Socure's innovative approach to identity verification and fraud prevention resonates deeply with my passion for leveraging data and technology to solve complex business challenges, and I am particularly drawn to the opportunity to contribute to a company at the forefront of this rapidly evolving field.

In my current role as Chief Solutions Architect at HappyPathway, I've spearheaded the development and implementation of a cloud-agnostic, self-service infrastructure, supporting diverse data and machine learning workloads across AWS, GCP, and Azure. This experience has provided me with a deep understanding of the intricacies of managing complex data pipelines, optimizing cloud costs, and ensuring high availability and security for sensitive data. Furthermore, my successful implementation of DevSecOps practices, resulting in SOC 2 and ISO 27001 compliance, demonstrates my commitment to robust data governance, a critical aspect of Socure's mission.

Prior to HappyPathway, I honed my skills in infrastructure architecture at Clover, where I led the design and deployment of scalable and secure cloud infrastructure on AWS, supporting high-performance data platforms and applications. My experience in implementing a standardized IaC framework using Terraform, architecting Kubernetes-based container platforms, and integrating cost optimization strategies directly aligns with the requirements outlined in the job description. Moreover, my

experience with SOC 2, PCI DSS, and ISO 27001 compliance frameworks will allow me to seamlessly integrate into Socure's security-conscious environment.

My experience at FedSoft, Inc. further solidifies my expertise in cloud modernization and automation. Leading the design and implementation of a multi-cloud architecture using Terraform, AWS, and Kubernetes, optimized for data-intensive applications, has provided me with invaluable experience in building and scaling the type of robust and resilient platforms required for Socure's continued growth. My focus on automated security controls using HashiCorp Vault, AWS IAM, and Sentinel underscores my commitment to data integrity and confidentiality.

I am confident that my technical expertise, leadership experience, and passion for data-driven innovation make me an ideal candidate to lead Socure's Data, Machine Learning, and Application Platform team. I am eager to discuss how my skills and experience can contribute to your continued success. Thank you for your time and consideration. I look forward to hearing from you soon.

Sincerely, Dave J. Arnold (707) 480-6346 [dave@roknsound.com](mailto:dave@roknsound.com) <https://>