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|  | Prabir Maiti  Senior Data Architect | | | 3891 Sierra Madre Ct  Simi Valley, CA 93063  (818) 297-4272  [prabir-maiti@yahoo.com](mailto:prabir-maiti@yahoo.com)  May 20th, 2025 |  |
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|  |  |  | Dear Sir/Madam: I am excited to apply for the Senior Data Architect position at your client. With over 15 years of experience architecting and delivering enterprise-grade solutions at Bank of America, I bring a proven track record of driving innovation in cloud platforms, AI/ML, and data engineering. My expertise in Azure, AWS, and emerging databases such as CockroachDB and SingleStore, combined with my leadership in large-scale data programs, positions me to contribute significantly to your team’s success.  In my current role as a Senior Solutions Architect and Senior Data & AI Engineer at Bank of America’s Global Technology division, I have architected AI-driven solutions using Azure AI/OpenAI, leveraging large language models (LLMs), NLP, and generative AI to enhance data analytics and customer experiences. I designed real-time data streaming pipelines with Azure EventHub, Kafka, and Databricks, integrating governance frameworks like Purview for robust data classification. A key achievement includes leading a Teradata-to-Azure Synapse migration, managing multi-terabyte data ingestion with optimized performance and scalability. These initiatives delivered measurable ROI through improved efficiency and data-driven decision-making.  Previously, as a Senior Product Owner, I spearheaded analytical data solutions for over 4,000 mortgage users, supporting risk assessment and regulatory reporting. I also architected COVID 19 relief eligibility solutions using SQL, Oracle, and .NET, streamlining client processes during critical times. My technical proficiency spans cloud platforms (Azure, AWS, Terraform), AI/ML frameworks (TensorFlow, PyTorch), and programming languages (Python, C#.NET, Java), complemented by certifications such as Azure AI Engineer, Data Engineer, and Solutions Architect.  I am trilingual in English, Bengali, and Hindi, which enhances my ability to collaborate across diverse teams. My passion for cutting-edge technologies, coupled with my strategic vision and hands-on expertise, aligns with your client’s commitment to innovation. I am eager to bring my skills in cloud architecture, data pipeline optimization, and AI-driven solutions to drive transformative outcomes for your organization.  Thank you for considering my application. I look forward to the opportunity to discuss how my experience can contribute to your client’s goals. Please feel free to contact me at (818) 297-4272 or prabir-maiti@yahoo.com to schedule a conversation.  Sincerely,  Prabir Maiti | |  |
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