**Prabir Maiti**

Simi Valley, CA  
(818) 297-4272  
[Prabir\_maiti@yahoo.com](mailto:Prabir_maiti@yahoo.com)

### **SUMMARY OF QUALIFICATIONS**

Seasoned development leader with over 20 years of experience in defining strategies, architecting, and delivering enterprise solutions utilizing cloud technologies such as Azure, Databricks, and Terraform. Demonstrates a strong technical background in database-driven technologies, innovation in technology solutions, and expertise in data ingestion, engineering, analysis, and management. Proven ability to initiate and lead large strategic programs and projects with measurable ROI, and to collaborate effectively with technology partners and key users across organizations. Expertise in automating data flows and transformations, optimizing applications, data migration workloads, and securing data while adhering to compliance and regulatory requirements.

### **TECHNICAL SKILLS & CERTIFICATIONS**

* **Cloud Technologies:** Azure, Databricks, Terraform
* **Big Data Technologies:** Hive, SQL Server, Oracle
* **Data Processing Framework:** T-SQL, Hive
* **ETL Tools:** SSIS
* **Client-side Technologies:** JSON, JavaScript, XML, HTML
* **Languages/.NET Technologies:** Python, R, C++, Java, C#.NET, ASP.NET, VB.NET
* **Source Code Repository:** Bitbucket, GitHub, TFS, Source Safe
* **Integration Tools:** Jenkins
* **Workflow Mgmt. Tools:** JIRA, Rally
* **Other Tools:** Ansible, Visio, MS Project, Excel

**Certifications:**

* Azure (Data Engineer, Solution Architect, DevOps)
* Databricks (Data Engineering Associate, Professional)
* Terraform Associate
* Data Science (9 certificates from Coursera)

### **PROFESSIONAL EXPERIENCE**

**Sr. Data Engineer - ECP**  
*Bank of America Global Technology, Simi Valley, CA*  
*Oct 2022 – Present*

* Managed data ingestion and performance evaluation of TPC-DS data using Databricks, CSV, Parquet, Delta, and Unity Catalog.
* Developed ADF and Terraform specs, integrated diagnostic settings to LAW and EventHub sinks.
* Conducted research on Purview, OpenAI, CosmosDB, and developed related TFE modules.
* Led Teradata migration to Azure Synapse, creating ADF pipelines for parallel data ingestion and storage performance testing.
* Validated data mesh architecture and landing zone architecture resolution.
* Automated CI/CD processes using Terraform and Bitbucket, managing Azure resource creation and DB cluster policies.
* Implemented GIS email toolkit and Active Directory research via REST API.
* Developed BCP/DR solutions, managing on-prem data migration and policy adherence.

**Sr. Product Owner - AMDAT**  
*Bank of America Global Technology, Westlake Village, CA*  
*Jul 2014 – Sep 2022*

* Oversaw the BAC Mortgage Hub, providing analytical data to 4K+ users for risk and profitability assessments.
* Led the migration of 2M+ loan origination data from mainframe to Oracle.
* Automated financial processes, saving millions in manual work.
* Played a key role in migrating mortgage data to Hadoop/SDP and maintained historical data retention policies.
* Served as liaison between technology and business users, ensuring compliance with enterprise tools and standards.

**COVID Relief Solutions**

* Architected COVID relief eligibility solutions using SQL, Oracle, and .NET technologies.
* Designed data ingestion and provisioning systems to support dynamic policy changes, aiding in quicker decision-making.

**Vehicle Data Hub (VDH)**

* Led eDIM solutions for CVL, improving data accuracy for financial and regulatory needs.
* Coordinated with agile teams to refine CVL data models for enterprise reporting.

**Over$ight (O$)**

* Managed a SOX-compliant application, handling governance and audit requirements.
* Provided analysis and recommendations for business-critical reports and database support.

**Programmer Lead Manager (MKTS)**  
*Bank of America Global Technology, Westlake Village, CA*  
*May 2007 – Jun 2014*

* Designed and coded components for mortgage loan accounting using C#.NET and SQL.
* Automated data partitioning, saving over $300K in application costs.
* Led MDM migration projects, supporting critical reporting needs.
* Provided end-to-end involvement in database design, development, and maintenance, ensuring high performance and compliance.

### **EDUCATION & SPECIALIZED TRAINING**

* **MBA in Finance**, California Lutheran University, Thousand Oaks, CA
* **Business Administration in Finance Certification**, California State University, Northridge, CA
* **Bachelor of Computer Science & Engineering**, University of Calcutta, India
* **Bachelor of Mathematics/Statistics**, University of Calcutta, India

### **PROFESSIONAL ORGANIZATIONS & AFFILIATIONS**

* Member, Bank of America Employee Network
* Active in volunteering and employee engagement activities

**Trilingual:** English, Bengali, Hindi

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**Certifications:**

* Azure (Data Engineer, Solution Architect, DevOps) - 7 certificates
* Databricks (Data Engineering Associate, Professional) - 2 certificates
* Hands-on Machine Learning (ML)/Artificial Intelligence (AI) - UCLA
* Terraform Associate - 1 certificate
* Data Science (9 certificates from Coursera)

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