




Gulam Sarwar

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 [sarwar92](#)

Professional Summary

- 12 years of IT experience in development
- Experience in Deep Learning, Machine Learning, and Generative AI.
- Proven track record of **leading multiple cross-functional projects** from inception to deployment, driving innovation and business value.
- Worked with Etisalat, Wipro Limited, Altimetrik India Pvt Ltd (PayPal), and Sberbank.
- Hands-on experience in Telecom and BFSI domains.
- Currently seeking **AI/ML-focused roles** to leverage technical expertise and business acumen in building next-generation intelligent solutions.

Tech Sack (various levels of proficiency)

Machine Learning, Deep Learning, Generative AI, Agentic AI, NLP, Python, TensorFlow, PyTorch, Data Analysis, NumPy, Panada Etc.

Big Data, PySpark, Apache Hive, Spark Structured Streaming, Apache Kafka, Aure Data Factory, Azure Databricks, Databricks Unity Catalog, Delta Live table, ADLS Gen2, EC2, EMR, Glue, Athena, RedShift S3 IAM etc.

Java17/J2EE, Spring Boot, Micro Services, NoSQL, SQL/PLSQL, REST APIs, JMS, Messaging Queue, Kafka and multiple J2ee Frameworks.

AWS, GCP, Azure, Docker, Kubernetes, Bitbucket, GitHub, GIT, Databases, Jenkins, Splunk, Cals Log, private and public clods etc.

Work Experience (Major projects)

Sberbank: Senior Level Engineer (Role: Lead Data Scientist)

📍 Bengaluru | 📅 Mar 2024 – Sep 2024

- Led a team of 3 engineers to develop a Generative AI-powered conversational interface using LLMs, RAG, and prompt engineering for intuitive natural language querying of customer banking data as current account assistance.
- Develop a task-specific fine-tuned model using banking account data adoption for multiple use cases
- Developed the GL Account Revaluation project for RBI compliance, involving Enterprise architecture and integration with multiple technologies.
- Built the Manual Events project to enable manual operations on current accounts such as adjusting balances, blocking, clearing, and status updates.

Altimetrik + PayPal : Staff Engineer

📍 Bengaluru | 📅 Dec 2020 – Nov 2023

- [Calibo](#): Delivered end-to-end ML workflows — from data ingestion to implementing ML statistical machine learning algorithms.
- [SEPA Direct Debit](#): Led the complete design, development, and demonstration of merchant reporting integration.
- [ACH Flexible Liability](#): Supported revenue growth by developing advanced reporting features for PayPal partners.
- [Apple Pay](#) / [Google Pay](#) / [APM & PUI](#): Enabled seamless transaction data integration for these payment methods into merchant reporting systems.
- Integrated payment methods like [Venmo](#) and [Pay Later](#) into merchant reporting.
- **Payment Unification**: Led a tech-debt project to unify reporting of payment instruments for improved merchant/partner insights reports.
- **Project Execution**: Delivered all the above projects—from impact analysis to successful external client demonstrations.

Wipro Limited: Senior Software Engineer

📍 Bengaluru | 📅 Apr 2016 – Dec 2020

- [Mimictron \(Wipro HOLMES\)](#): Captured system events and actions; integrated Java microservices with RPA and AI to collect data for ML models.
- [Shared Services \(State Street\)](#): Streamlined financial and regulatory reporting, working extensively on event frameworks and transaction data processing.
- [OSS-RC](#): Supported network integration and monitoring for Ericsson's radio and core networks.

- [ERI-NETOPS EMS](#): Migrated UI from Java Applet to a standalone web interface, enhancing the usability of Ericsson's network management system.

Etisalat: Software Consultant

📍 Bengaluru | 📅 Oct 2012 – Apr 2016

- [CoDE/Rating and Billing](#): Migrated JMS services in Etisalat's billing module.
- [Direct Debit \(UAE Central Bank\)](#): Developed batch jobs for processing payment files for utility billing as mandated by the UAE Central Bank.
- [AutoPay](#): Implemented batch services for secure and automated bill payment via credit card.

Awards & Certifications

- [Gem Award — Going the Extra Mile](#)
- [Generative AI with Large Language Models](#)
- [Deep Learning](#)
- [Machine Learning](#)

Education

- M.Tech in Artificial Intelligence and Machine Learning ([BITS Pilani, Pilani, India](#))
- B. Tech in Computer Science Engineering ([GIET University, Odisha, India](#))

Personal Details

- Religion: Islam
- Languages: English
- Nationality: Indian