

## Contact

[www.linkedin.com/in/leecorp](https://www.linkedin.com/in/leecorp)  
(LinkedIn)

## Top Skills

Agile Methodologies  
Analytical Skills  
Arrow Functions

## Languages

English  
Tamil  
Hindi  
Kannada (Elementary)  
Malayalam

## Certifications

Design Thinking: Understanding the Process  
AGILE Crash Course  
Leading with Innovation  
Customer Experience: Journey Mapping  
Microsoft Technology Specialist

## Publications

Threshold Based Kernel Level HTTP Filter (TBHF) for DDoS Mitigation

# Lijo George

AI/ML Solution Architect | Azure / AWS/ GCP | Databricks | Data Warehousing | Cloud Computing | Storage | M365 | IAC | SQL | Analytics (Power BI) | IT Architecture Advisor for Emerging Businesses

London Area, United Kingdom

## Summary

Experienced Solution Architect with over 13 years of expertise in designing Lakehouses, Data Warehouses, and Data Marts, specialising in Machine Learning (ML), Artificial Intelligence (AI), Natural Language Processing (NLP), Large Language Models (LLMs), Information Retrieval, Deep Learning, and Data Analytics. Designed and implemented AI-driven solutions for 10 diverse use cases, including Optimal Path Management and Fraud Detection using Azure Databricks services. Specialised in Cloud Migration, Data Governance, and Big Data technologies. Proficient in architecting data analytics platforms like Cloud Big Data EDWs, scalable AI-enabled user-facing applications and leading cross-functional teams to deliver innovative AI solutions. Possess domain expertise in Insurance/Finance Data, Cloud Migration, Data Governance, Big Data technologies, Hybrid Cloud Ecosystem, and translating requirements for non-technical audience. Proven track record in Big Data, OLAP & OLTP systems, and leading cross-functional stakeholders and delivering enterprise-grade solutions. Managed multiple high-value billing accounts concurrently, ensuring accuracy and client satisfaction.

## Tech Stack

Lakehouse · Business Intelligence (BI) · Databricks · Cybersecurity · AI Whisperer · Big Data · Artificial Intelligence · Microsoft Azure · Machine Learning · Data Modeling · Scrum · Data Architecture · Data Science · Cloud Computing · Extract, Transform, Load (ETL) · Data Warehousing · Python · Azure Databricks · Amazon Web Services (AWS) · Hadoop · SQL · Decision-Making · Leadership · Problem Solving · Apache Spark · Devops · Cloud Consulting · Business Resilience · Data Lake · Data Engineering · Data Analytics

# Experience

## Accenture

3 years 5 months

### Data Architect Manager

December 2022 - Present (2 years 7 months)

Responsible for developing tools based on Audit Balance Control Framework that -

- Features abstraction layer over ADF(orchestration framework)
- Supports dynamic ETL pipeline execution
- Manages ingestion configuration using .csv/flat files
- Pre-built dashboard for execution, error tracking, tracing

Improved Metrics: Administration +50% | Components re-usability +90% | Reporting 100% | Turnaround time -50% | Execution time -55% | Migration score +100%

### Cloud Architect

February 2022 - December 2022 (11 months)

- Handled multiple high-value billing accounts concurrently
- Conceptualised, designed and implemented enterprise Lakehouse solutions based on medallion architecture using Databricks
- Designed storage life cycle strategy for Lakehouse
- Migrated legacy systems to Lakehouse Platform in a hybrid model
- Managed multiple teams of avg. strength 15
- Domain: finance and commercial data environment
- Microsoft reporting stack (SQL, SSRS, SSAS, SSIS, PowerBI, ETL, ELT)
- Adept at migration to Azure Synapse Analytics and Azure Analysis Services
- Worked with combined service/delivery team, using Agile/Devops methodologies

## Brillio

4 years

### Lead Solutions Architect

January 2019 - February 2022 (3 years 2 months)

Bengaluru, Karnataka, India

Worked on: Lakehouse · Business Intelligence (BI) · Databricks · Cybersecurity · AI Whisperer · Big Data · Artificial Intelligence · Microsoft Azure · Machine Learning · Data Modeling · Scrum · Data Architecture · Data Science · Cloud Computing · Extract, Transform, Load (ETL) · Data Warehousing · Python ·

Azure Databricks · Amazon Web Services (AWS) · Hadoop · SQL · Decision-Making · Leadership · Problem Solving · Apache Spark · Devops · Cloud Consulting · Business Resilience · Data Lake · Data Engineering · Data Analytics

### Senior Lead

March 2018 - December 2018 (10 months)

Bengaluru Area, India

### Strides

3 years 5 months

### Senior Software Executive

February 2016 - February 2018 (2 years 1 month)

Bengaluru, Karnataka, India

### Information Technology Executive

October 2014 - February 2016 (1 year 5 months)

Bangalore

I have worked on heterogeneous Systems, Technologies and Products over the years. It means R&D and Implementation long with Project Management until hand over to dedicated Teams.

My [JD] Job Description in Strides was to induct new products and Technologies to company infrastructure along with its deployment. Mandate also includes transformation of legacy systems and its management until full transformation with professional grade deployment is completed. All the systems are deployed and monitored for 6 months without any restrictions. Everything from performance and new features for improving the product are tested and deployed over this time. Once build is stable, it is handed over to our support teams.

Some of the Products/Technologies that I have come across recently are,

- [SP2013] Share Point 2013 on premise for Portal deployment globally with dedicated link.
- SQL 2014 Enterprise with Always On is used for high availability.
- REST API used in SP2013 for content delivery.
- [JS] JavaScript Libraries are extensively used for data manipulation and visual presentation.
- SP2013 BI Reporting is implemented and widely used for business decision making.
- [VS 2015] Visual Studio 2015 Enterprise for custom module development.
- [SSMS 2014] SQL Server Management Studio for managing queries, Jobs, Triggers, Logs and Trace Management.

- MYSQL Enterprise for data syncing to MSSQL and vice versa for Application Integration.
- Commvault for automated backups of SQL Data.
- Third Party systems like Employee Management systems, Attendance Management system.
- Integration with SAP using RFC Calls and IDoc.
- Biztalk was used as Middleware for critical operations where real-time data is used for reports and decision making business processes.

Project Team members consist of Internal Dev Team, Consultants, Third party programming assets, Infrastructure Team, Corporate Validations Group, Legal Team, Network Team, Network Security Team, Top Level Managers and myself.

## Orell Software Solutions Private Limited

### Software Developer Team Lead

June 2012 - October 2014 (2 years 5 months)

#### Roles & Responsibilities

- Led ERP solution team
- Developed automated scripts to simplify common tasks and reduce manual effort
- Created POCs for the sales team
- Deployed ERP application in customer data centers (schools, colleges, universities)

#### Milestones

- Served as the customer-facing lead for 9 institutes simultaneously
- Resolved critical software issues and optimised performance through efficient troubleshooting and debugging, minimising downtime by 25%

#### Highlights

Successfully re-engineered 2 out of 24 modules in an ERP solution

## National Institute of Technology, Tiruchirappalli

### Research Internship

March 2011 - June 2012 (1 year 4 months)

Doing research on DDOS Mitigation related to the URL Based Shortening Attack

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## Education

Trichy Engineering College, Konali affiliated to Anna university  
Pursuing Bachelor Engineering (2008 batch), Computer Science and  
Engineering · (2009 - 2012)

Government Polytechnic College  
Diploma, Information Technology · (2006 - 2009)

Jai Rani Public School  
Basic Schooling · (2002 - 2006)