

Jithesh Gopinathan

Senior Data Engineer
Leeds, United Kingdom

jitheshlive@gmail.com – [LinkedIn](#) – [GitHub](#) – [Credly](#)

PROFILE

Data engineer with 14+ years building and operating large-scale data platforms, most recently as a Senior Data Engineer with the UK Civil Service in Leeds. Background spans Java and big data development — ETL and streaming pipelines, Hadoop and Spark ecosystems built from the ground up, and cloud platforms including AWS, Azure, Databricks, and Snowflake. As a consultant with BJSS/CGI, delivered data platforms for clients across aviation, energy, e-commerce, utilities, and public health. AWS Certified Data Analytics – Specialty and AWS Certified Developer – Associate, with a Machine Learning Nanodegree from Udacity.

EXPERIENCE

Senior Data Engineer — UK Civil Service

Apr 2026 – Present

Leeds, United Kingdom

Tech: Azure Fabric, Delta Lake, Informatica

Senior Data Engineer — BJSS/CGI (client: a UK water services provider)

Sep 2025 – Mar 2026

Leeds, United Kingdom · Remote

- Built ingestion pipelines drawing customer, usage, and market data from multiple channels into a Delta Lake landing layer using Azure Data Factory.
- Built the billing data pipelines in Azure Data Factory, using ingested data to generate customer billing.

Tech: Azure Data Factory, Delta Lake, Azure Pipelines, Azure Functions

Senior Data Engineer — BJSS/CGI (client: a major UK airline)

Jan 2025 – Jul 2025

Leeds, United Kingdom · Remote

- Led the initial phase of moving data capabilities onto a modern, decentralised data mesh architecture, improving data accessibility across the organisation.

Tech: Python, Spark, Databricks, Delta Lake, Azure Fabric, Azure Pipelines

Lead Data Engineer — BJSS/CGI (client: a UK e-commerce retailer)

Oct 2024 – Dec 2024

Leeds, United Kingdom · Remote

- Built real-time and batch ingestion into a Delta Lake landing layer on Azure Fabric.
- Worked directly with business analysts and stakeholders to translate requirements into pipeline design.

Tech: Python, Spark, Databricks, Delta Lake, Azure Fabric, Azure Pipelines

Senior Data Engineer — BJSS/CGI (client: a UK energy-sector organisation)

Sep 2022 – Aug 2024

Leeds, United Kingdom · Remote

- Applied complex business logic across large national energy datasets, storing results in Delta tables.
- Collected real-time data from multiple energy data endpoints and transformed it for downstream teams.

Tech: Python, Spark, Databricks, Delta Lake, Azure, Azure Pipelines

Data Engineer — BJSS/CGI (client: a UK public health body)

Nov 2021 – Aug 2022

Leeds, United Kingdom · Remote

- Ran ETL processes over a national dataset, including code updates, and maintained the data warehouse.

Tech: Python, Spark, Databricks, Jenkins, Git

Data Engineer — The Oakland Group (client: a major UK radio broadcaster)

May 2021 – Oct 2021

Leeds, United Kingdom

- Built streaming and batch ingestion pipelines feeding mParticle across the client's full user base.

Tech: Java, Python, Spark, Airflow, dbt, Snowflake, AWS EC2, AWS EMR, AWS Kinesis, AWS Lambda, GCP BigQuery, GCP Dataproc, GCP Data Fusion

Assistant Principal Engineer — ST Engineering

Sep 2020 – Mar 2021

Singapore

- Built the entire Hadoop ecosystem from a bare installation, standing up the big data infrastructure.
- Worked closely with data scientists across the full ML lifecycle and automated model deployment.

Tech: Java, Python, Hadoop, Spark, Hive, Airflow, MLflow, AWS EC2, AWS EMR, AWS RDS, AWS Kinesis, HBase, Kafka

Big Data Developer — Crédit Agricole CIB

Jul 2018 – Aug 2020

Singapore

- Built a Kafka-to-Kafka streaming application processing payment events for systems handling millions of transactions.

Tech: Hadoop, Spark, Yarn, HBase, Kafka, Maven

Java Developer — Crédit Agricole CIB

Feb 2018 – Jul 2018

Singapore

- Implemented change requests on the bank's KYC application, working directly with the Paris team.

Tech: Java, J2EE, JSP, Spring, Hibernate, jQuery, MS SQL

Senior Software Engineer — Allianz Cornhill Information Services

Aug 2015 – Jan 2018

Trivandrum, India

- Delivered production-ready code across the full development lifecycle as an offshore engineer for Australian clients.

Tech: Java, J2EE, JSP, Spring Boot, Hibernate, Angular, JMS, DB2

Software Engineer — D+H Solutions India

Jul 2012 – Jul 2015

Trivandrum, India

- Designed and built the Newday configuration tool for D+H's uOpen platform, cutting a 5–6 day process down to one day.
- Received the company's 'Go Extra Mile' award, March 2014.

Tech: Java, J2EE, JSP, JavaScript, jQuery, AJAX, Spring, Hibernate, MS SQL

SKILLS

Languages & runtimes

Java, Python

Frameworks & platforms

Spark, Hadoop, Databricks, Airflow, MLflow, dbt, Spring, Spring Boot, Hibernate, J2EE, Angular

Cloud & infrastructure

AWS (EC2, EMR, RDS, Kinesis, Lambda), Azure (Data Factory, Fabric, Pipelines, Functions), GCP (BigQuery, Dataproc, Data Fusion), Docker, Kafka, IBM MQ

Data & integration

Delta Lake, Snowflake, Redshift, HBase, Hive, ETL/ELT pipelines, Data mesh, Data fabric

EDUCATION & CERTIFICATIONS

B.Tech, Computer Science — University College of Engineering, Kariavattom

2007 – 2011

Trivandrum, India

- AWS Certified Data Analytics – Specialty, Amazon Web Services
- AWS Certified Developer – Associate, Amazon Web Services
- Machine Learning Nanodegree, Udacity