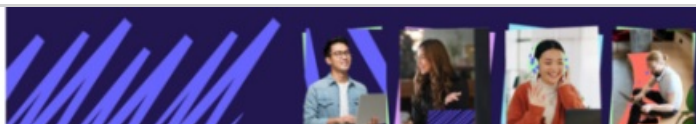


Michael Page

Bilingual Data Engineer | Large-Scale E-Commerce Data Platforms

Bilingual Data Engineer (GCP)

Job Information

Recruiter[Michael Page](#)**Job ID**

1615744

Industry

Internet, Web Services

Job Type

Temporary

Location

Tokyo - 23 Wards

Salary

6 million yen ~ 8 million yen

Refreshed

October 2nd, 2026 08:00

General Requirements

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

Join a leading e-commerce technology environment where massive data volumes power both merchant and consumer-facing services. As a Bilingual Data Engineer, you will build and optimize scalable data pipelines that support business intelligence, operational excellence, and strategic decision-making.

Client Details

Our client is a major e-commerce and technology organization operating one of Japan's largest online marketplace platforms. The business leverages modern cloud and data technologies to manage high-volume transaction data and deliver data-driven services across a large and complex digital ecosystem.

Description

- Design, build, and optimize large-scale batch and streaming data pipelines using Spark, Kafka, Spark Streaming, Python, and Google Cloud Platform
- Develop and maintain data infrastructure supporting a high-traffic e-commerce platform
- Automate data ingestion and processing workflows to improve efficiency and reliability
- Support the migration of data platforms and workloads from on-premises environments to Google Cloud Platform
- Operate and maintain applications responsible for processing large-scale datasets

- Resolve complex data storage, retrieval, and performance challenges
- Monitor, troubleshoot, and support production systems using logging, alerting, and monitoring tools
- Collaborate with engineering teams, stakeholders, and cross-functional partners
- Contribute to technical leadership initiatives and project delivery
- Deliver scalable, reliable, and high-quality data solutions that support business-critical metrics and insights

Job Offer

- Opportunity to work with one of Japan's largest e-commerce data ecosystems
- Exposure to modern cloud, streaming, and distributed data technologies
- Long-term project with strong business impact
- International and collaborative engineering environment
- Work on data solutions that directly influence business growth and customer experience
- Standard working hours: 9:00 AM to 5:30 PM
- Weekends and public holidays off

To apply online please click the 'Apply' button below. For a confidential discussion about this role please contact Serena Wu on +81 3 6627 6137.

Required Skills

- 5+ years of experience as a Data Engineer
- Hands-on experience developing and operating Spark and Kafka applications
- Strong programming skills in Python, Java, or Scala
- Experience with Google Cloud Platform and BigQuery
- Advanced SQL and relational database expertise
- Proven experience building and optimizing large-scale data pipelines and datasets
- Experience with Docker, Kubernetes, and infrastructure management
- Strong understanding of data modeling concepts
- Linux development experience
- Strong analytical and problem-solving skills related to data processing and transformation
- Experience managing projects and delivering high-quality technical solutions
- Business-level Japanese communication skills (reading, writing, and speaking)
- Conversational-level English communication skills

Preferred Qualifications

- Experience working with large-scale big data environments
 - Database administration and performance tuning experience
 - Strong understanding of DevOps and microservices architecture
 - Experience with Jenkins or other CI/CD tools
 - Scrum or Agile development experience
 - Experience with Looker semantic layer development
 - Previous experience leading or mentoring software engineering teams
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Company Description

Our client is a leading digital commerce and technology organization operating one of the largest online marketplace platforms in Japan. The company manages significant transaction volumes and invests heavily in cloud-native platforms, data engineering, and analytics to improve business performance and customer experiences.