MARKETS

Data Engineer – Bajaj Markets

Job Description

Software Engineer- II, Data Engineering

Bajaj Finserv Direct Limited

Pune

Our Journey so far

A 100% subsidiary of Bajaj Finserv Ltd, we are a 3-year old exciting startup having launched "**Finserv MARKETS**" - A unique & diversified Marketplace for Financial Services and eCommerce in India. Our Open Architecture platform offers 103 Financial product variants across Loans, Cards, Insurance, Investments, Payments along with 70K Electronics, Consumer Durable and Lifestyle products, in partnership with 23 leading industry players. Our digital properties attract 12 MM visits, 6 MM unique visitors, 1.2 MM Consumers show interest in our products & we acquire ~80,000 customers in a month. Our App has a Monthly Active User base of 0.8 MM. We have recently started our B2B journey by offering our Marketplace Platforms as a Technology Platform provider.

Our Long-Term Vision

Financial Services Marketplace will be across Assets, Liabilities, Payments, Insurance & Investment in partnership with 50 Banks, Insurers & Financial Institutions by providing choice & convenience of 1,300+ Financial Products. Our ambition is to create India's largest FLDG partnership model by leveraging our deep domain in lending space to offer White Label Loan & Card products.

We will create an **Omni-channel eCommerce Marketplace** Platform focused on Electronics, Furniture, Travel, Auto & Apparel. It will be a Partnership led model, which leverages our eComm Platform & B2B domain capabilities, with a strategic partner responsible for fulfillment. It will serve as an acquisition engine to originate millions of consumers for our Financial Services Marketplace.

Our **Platform Business strategy** is to re-architect & offer our proprietary Marketplace platforms to our B2B clients. Our ambition is to be a leader in SaaS application for Credit, Insurance, Investment & eComm. We will offer these platforms in India & target South-East Asia & Middle-East geographies.

Our Marketplace

Loans Marketplace	Cards Marketplace	Insurance Marketplace	Investments Marketplace	eCommerce Marketplace	Payments	Solutions
Salaried Loan	Credit Card	Retail & Group Health	Fixed Deposit	Electronics	UPI	Credit Report
Professional Loan	Debit Card	Motor – 2W,4W,CV	Mutual Fund	Furniture	BBPS	Money Manager
Business Loan	EMI Card	Travel Insurance	Digital Gold	Travel	PPI Wallet	VAS – GI
HL Salaried		Property Insurance	Equity Basket	Auto		VAS – LI
HL Self Employed		Pocket Insurance	Trading Account	Apparel		White Label VAS
LAP		Business Insurance				VAS
Vehicle Loan		ULIP				
		Term Insurance				
		Endowment				

Our People

We are a strong brand with long-term orientation which provides tremendous stability & freedom to innovate. Our success is attributed to an efficient and passionate team of highly skilled 500+ Technology & Domain specialists across Financial Services & eComm. With a strong foundation already established, you have an opportunity to be part of a distinct consumer technology company with high growth in 3 most exciting spaces viz. Financial Services, eCommerce and Platforms business.

Primary Role
- Senior Data Engineer - Finserv Markets

Position Summary

Ours is a complex digital and analytical data engineering platform built on a set of AWS Aurora PostgreSQL, MySQL, DocumentDB, Kinesis, Glue, Athena and Redshift based technologies. Our data engineering team delivers OLTP data models for our digital e-commerce platform and OLAP data models for our DWH/Data Lake environment which are strongly coupled with Kinesis based real time and Python based batch processes. We process large volume of data in a Spark based distributed processing environment. We work with a larger set of technologies experts from on Java, UI, AI/ML etc. and deliver an integrated financial platform - Finserv Markets.

We are looking for a data engineering professional with strong passion in learning complex data engineering tools, programming languages and concepts like Python, PySpark, OLTP data modeling and Complex SQL query development etc.. Our is a complex financial data domain with lots of complex data logic to be codified in a distributed and non-distributed data processing platform. The person should be willing to learn new technologies and implement a best practice solution in AWS environment. S/He should be a core programmer / techie at heart, finding motivation to work on new technologies and taking ownership of a complex financial platform over a period of time.

Duties and Responsibilities

- Understand of existing data models and develop new data models across multiple areas like digital platform (OLTP), data warehouse (OLAP) and data lake applications.
- Understand of existing data architecture, data flow processes in Aurora MySQL, MongoDB etc. and develop new processes across multiple data layers using Spark and Kafka based tools.
- Performance tuning across multiple data platforms and developing new home-grown tools for the same.

Desired Skills

- Overall 3.6- 5 years of experience as a data technology professional
- Strong hands-on experience in Python
- Knowledge of python data structures and OOPs.
- Good understanding of any RDBMS preferably postgres/redshift
- Strong experience in writing complex SQL queries with joins, aggregations, analytical functions.
- Experience in creating database procedure (any RDBMS)
- Understanding of code versioning tools such as GIT
- Understanding of various data file formats like Parquet, Avro, JSON etc.
- Basic query performance tuning
- Understanding of DW concepts like dimensional modeling, ETL load
- AWS knowledge preferred
- Hands on experience on DW and BI projects (preferred on postgres/AWS Redshift)
- A techie who finds his/her motivation in learning and implementing multiple data technologies
- Good analytical, reasoning and debugging skills
- Focused on production delivery and willing to learn new technologies

Personal Attributes

1. Technology passionate
2. Good analytical, reasoning and debugging skills
3. Focused on production delivery and willing to learn new technologies

Other Expectations

- Role is based out of Finserv MARKETS Head office in Pune