

# Scala Developer

Backend

SMB

Enterprise

[Company Name] is looking for a Scala Developer to design and build high-throughput backend services and data processing systems. You will work with a modern Scala stack on the JVM, writing type-safe, functional code that powers critical business systems. This role is ideal for engineers who appreciate strong type systems and functional programming on the JVM.

## Key Responsibilities

---

- Design and implement backend services and libraries in Scala
- Build data processing pipelines using Apache Spark or Akka Streams
- Write well-typed, functional code with comprehensive property-based and unit tests
- Collaborate with data engineering and platform teams on shared infrastructure
- Optimize JVM application performance, garbage collection, and resource utilization
- Participate in architecture reviews and technical design discussions
- Mentor junior developers on functional programming patterns and Scala idioms

## Required Skills & Experience

---

- 3+ years of professional Scala development
- Strong understanding of functional programming (immutability, higher-order functions, monads)
- Experience with Scala build tools (sbt) and testing frameworks (ScalaTest, Specs2)
- Familiarity with JVM internals (garbage collection, threading, memory model)
- Experience with relational databases and SQL
- Understanding of concurrency patterns (Akka actors, Cats Effect, or ZIO)
- Comfortable with CI/CD and version control (Git)

## Nice-to-Have

---

- Experience with Apache Spark for large-scale data processing
- Familiarity with Scala 3 features and migration patterns
- Background in distributed systems or microservices architectures
- Experience with Kafka or other event streaming platforms
- Knowledge of category theory concepts as applied in libraries like Cats or Scalaz

## Tech Stack

---

Scala

sbt

Akka

Cats / ZIO

Apache Spark

Kafka

PostgreSQL

Docker

Kubernetes

## What We Offer

---

- Competitive salary and equity package

- Flexible remote or hybrid work arrangement
- Health, dental, and vision insurance
- Annual learning and development budget
- Generous PTO policy

## Interview Process

---

1. Recruiter phone screen (30 min)
2. Technical screen: Scala and functional programming fundamentals (60 min)
3. System design interview: designing a data-intensive service (60 min)
4. Pair programming exercise in Scala (60 min)
5. Hiring manager conversation on team and role fit (45 min)