

Erlang/Elixir Developer

Backend

Startup

SMB

[Company Name] is seeking an Erlang/Elixir Developer to build and maintain highly available, real-time backend systems. You will leverage the BEAM virtual machine to create services that handle massive concurrency with minimal downtime. This is a great fit for engineers who love functional programming and building systems that simply do not go down.

Key Responsibilities

- Build and maintain backend services using Elixir and the Phoenix framework
- Design fault-tolerant systems using OTP patterns (GenServer, Supervisor trees)
- Implement real-time features using Phoenix Channels and LiveView
- Write and maintain comprehensive test suites with ExUnit
- Optimize application performance and database query efficiency
- Collaborate with product and frontend teams to define API contracts
- Monitor production systems and respond to incidents with root-cause analysis

Required Skills & Experience

- 2+ years of professional experience with Elixir or Erlang
- Strong understanding of OTP principles (GenServer, Supervisor, Application)
- Experience with Phoenix framework and Ecto for database interactions
- Familiarity with functional programming concepts (pattern matching, immutability, recursion)
- Experience with PostgreSQL or similar relational databases
- Understanding of concurrency models on the BEAM VM
- Comfortable with version control (Git) and CI/CD pipelines

Nice-to-Have

- Experience with Erlang in addition to Elixir
- Familiarity with Phoenix LiveView for server-rendered real-time UIs
- Experience with message brokers like RabbitMQ or Kafka
- Background in telecoms, fintech, or other high-availability domains
- Contributions to open-source Elixir or Erlang libraries

Tech Stack

Elixir

Phoenix

Ecto

PostgreSQL

Redis

RabbitMQ

Docker

Kubernetes

Grafana

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: Elixir fundamentals and OTP concepts (45 min)
3. Pair programming session building a small Phoenix feature (60 min)
4. System design interview: designing a fault-tolerant real-time service (60 min)
5. Team fit and values conversation (30 min)