

US Functional Programming Salary Benchmarking 2024

Keeping you ahead of talent trends in technology



Candidate shortlist



Kim S
Scala Developer

★ 4.8



Tony V
Scala Developer



Ethan Z
Scala Developer

★ 4.7



Sophie C
Scala Developer



Natalie A
Scala Developer

★ 4.8



Richard H
Scala Developer



Adam K
Scala Developer

★ 4.6



Sandra D
Scala Developer

A review of the US Functional Programming landscape heading into 2024



George Wilson

Manager - Software Engineering

Despite the 2023 ups and downs, we see the strength and resiliency of the software engineering community. The community continues to flourish amid digital transformation, work-place changes and technological growth in areas like data, machine learning and artificial intelligence.

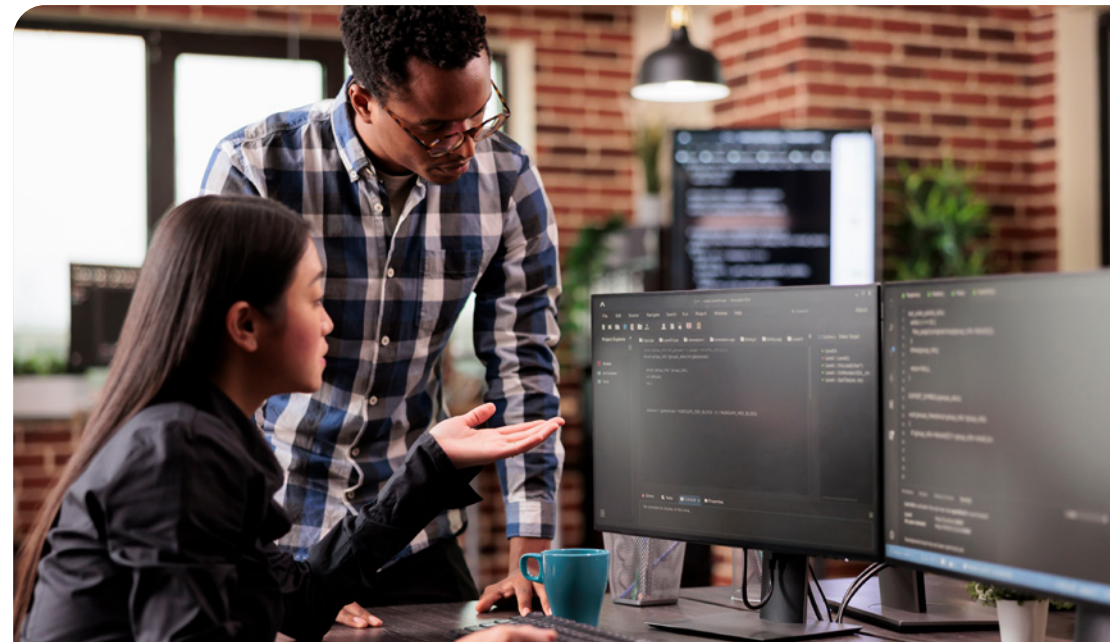
2024 is an opportunity for functional programmers and companies looking to grow and evolve in exciting ways as technology continues to advance and change at pace. In recent years, there's been a notable trend that functional programming is making its mark in mainstream languages, and it's no coincidence. This paradigm offers cleaner, more elegant code, facilitating easier management and review processes. Many startups are also embracing this approach recognizing its potential to fuel rapid growth.

The demand for skilled functional programmers and leaders will continue to rise driven by various factors such as the increasing demand for scalable, concurrent, and fault-tolerant software systems. Functional programming languages, like Golang, Rust, Haskell, Scala, Clojure, Swift and Erlang, offer unique features that make them well-suited for addressing these challenges.

Rust is expected to gain further adoption, especially within systems programming, embedded systems and web assembly as it comes due to its safety and reliability in high-performance applications where developers can write safe and efficient code. Elixir and Clojure aim to provide functional programming capabilities for enterprise-scale application development. The demand for Golang skills and tooling is on the rise. As more and more companies adopt cloud-native technologies, distributed systems and microservices architecture, Golang has emerged as a go-to programming language for building scalable modern applications.

One of the key advantages of functional programming lies in its emphasis on immutable data and pure functions, which leads to more predictable and easier-to-reason-about code. This makes it particularly attractive for building robust and maintainable systems, especially in domains where correctness and reliability are paramount, such as finance, healthcare and telecoms.

The talent gap remains high overall with companies competing fiercely to attract top talent. The growing popularity of functional programming has led to the emergence of vibrant communities, conferences, and online resources dedicated to promoting and advancing the field. Drawn by up-skilling of modern features and tools, functional programmers will be in high demand. This, in turn, has created more opportunities for engineers and leaders to stay up-to-date on modern projects and advancements in an exciting time for technology.



2024 Salary Insights - Functional Programming

	US Market - (\$)		
Software Engineering	Low	Median	High
VP of Engineering	250,000	300,000	350,000
Director of Engineering	200,000	250,000	300,000
Engineering Manager	170,000	220,000	270,000
Tech Lead	150,000	200,000	250,000
Staff / Principal Software Engineer	150,000	200,000	250,000
Senior Software Engineer	125,000	175,000	225,000
Software Engineer	100,000	140,000	180,000
Functional languages	Low	Median	High
Rust Developer	160,000	210,000	260,000
Erlang Developer	150,000	200,000	250,000
Scala Developer	140,000	195,000	250,000
Golang Developer	130,000	185,000	240,000
Haskell Developer	130,000	185,000	230,000
Clojure Developer	125,000	175,000	225,000
Swift Developer	120,000	170,000	220,000
Elixir Developer	100,000	160,000	220,000

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