



Manoj Kumar Mallappa

SENIOR SOFTWARE DEVELOPER

Details

Bengaluru

India

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Links

[LinkedIn](#)

Skills

Scala (Programming Language)

Akka (Toolkit)

Apache Kafka

Amazon Web Services

Kubernetes

Java (Programming Language)

Apache spark

MySQL

Agile Software Development

Neo4j

NoSql

Languages

Kannada

English

Hindi

Profile

Experienced Scala Developer with 8+ years of expertise in creating scalable applications, microservices, and advanced data processing systems. Skilled in **Scala**, **Java**, **Akka**, **Apache Spark**, and **Python**, with a strong foundation in functional programming, object-oriented programming, and big data technologies. Recognized for collaborative problem-solving, technical leadership, and a commitment to delivering transformative, high-impact solutions in data-centric industries.

Employment History

Senior Software Engineer, MAN Energy Solutions, Bangalore

MARCH 2022 – PRESENT

Leading Provider of Technology Solutions for the Energy Sector

- Built a scalable IoT platform using **Scala**, **Akka**, and **Kafka** for real-time data processing.
- Building data pipelines using Scala Spark on AWS, focusing on ETL jobs and workflows to support data ingestion, transformation, and integration with existing systems.
- Designed, reviewed, and optimized microservices running on Kubernetes and AWS.
- Developed RESTful APIs with Akka HTTP and managed data using Neo4j, Couchbase, and InfluxDB for storing time-series data.
- Built and maintained Java libraries to support application development and reusable components.
- Improved system performance through tuning and scalability enhancements.

Senior Software Engineer, Servion Global, Bangalore

MARCH 2021 – MARCH 2022

A global player in the telecommunications industry, providing communication solutions

- Built microservices in Scala using Akka, Play Framework, and Kafka for cloud-based UCaaS presence synchronization.
- Developed REST APIs and integrated with external platforms like RingCentral and Microsoft Teams.
- Built and maintained Java libraries to support application development and reusable components.
- Enhanced performance and scalability of microservices using AWS ECS, Docker, and Kafka.

Associate Software Engineer, Emids Technologies, Bangalore

FEBRUARY 2017 – JANUARY 2021

A healthcare solutions provider focusing on technology-driven solutions for healthcare

- Worked as a backend engineer on the Medidata Clinical Cloud platform, implementing features in Scala using Akka and Slick.

- Wrote unit and integration tests, debugged APIs using Postman, and collaborated with QA for TDD-based development.

Education

Bachelor of Engineering, VTU University(Karnataka/Belgaum).