Anoop Rawat

A seasoned **Software Developer** with **12+ years of experience** in designing and developing scalable solutions using **microservices architecture** and **distributed systems**. Specialized in building high-performance systems for the **banking domain**, with expertise in handling large-scale transactional data, real-time, event-driven systems, and data aggregation. Proficient in Java, Bigdata and a wide array of modern frameworks and tools, delivering robust and optimized solutions on cloud-based platforms.

EXPERIENCE

Morgan Stanley – *Senior Principal Consultant*

Nov 2022 - current

- Contributing to development of **Limit Monitoring systems** for commodities trading, ensuring compliance with CFTC and PRA regulations.
- Built a **highly scalable**, near **real-time** system processing thousands of trades/positions per minute.
- Utilized Java, Sybase, Greenplum, MongoDB, Spark, Hive, and **Kafka** to design and implement efficient data pipelines and **microservices**.
- **Optimized** system performance and ensured high availability through **robust** monitoring, database tuning, and **scalable architecture**.
- Collaborated with **cross-functional** teams to align technical solutions with regulatory and business needs.

JPMorgan and Chase – *VP*

Sep 2020 - Oct 2022

- Worked on the **greenfield Chase UK Bank project**, developing **Credit Account Services** from design to delivery.
- Designed and implemented **AWS-based microservices** using **Spring Boot**, **REST APIs**, **Kafka**, **Redis**, and **ElasticSearch**.
- Ensured **scalability**, **reliability**, and **high availability** to meet stringent banking standards.
- Managed **end-to-end development**, including architecture, API development, and database modeling.
- Utilized **CI/CD pipelines** and **DevOps practices** for efficient deployment and automated testing.
- Maintained **security**, **compliance**, and **system monitoring** best practices.

TECHNICAL SKILLS

Languages

Java , Basic knowledge of PHP, Python, perl, JavaScript, HTML and CSS.

Database

Mysql, Sybase, Greenplum, DB2, Mongo, CockroachDB, Ignite Cache

IDEs and Frameworks

Springboot, Spark, Camel, Drools, Hibernate, KafkaEclipse–Equinox.

Tools

AWS, Git, Travis, New Relic, Sentry, HSQL, Apiary, , Maven, Ivy, Gradel .

ETL Tools

Exposure on Talend and Informatica.

Parser Generator

Lex,YACC.

Data Science

Weka.

Mobile

Android.

Workshops and Training –

- Spark and Big Data workshop.
- Attended School on Algorithmic Game Theory (Joint Initiative: DST ,Max Plank Society and German Ministry for Education and Research)
- Attended Conference on Algorithms and Discrete Applied Mathematics.
- Trained in ILP (initial learning program), TCS-Pune.
- J2EE Technologies course

Tesco, *SDE-3*

June 2020 - Sep 2020

- Worked with **geo- mapping** experts on **transport routing algorithms.**
- Implemented **Dijkstra's and Contraction Hierarchy** shortest path algorithms for a high-performance ingestion engine.

PayTM, *Technical Lead*

July 2019 - June 2020

- Led the development of a real-time event-driven microservice system processing 200 million messages
- daily on Kafka, achieving 4K TPS at peak loads.
- Designed efficient search and listing solutions for large datasets with optimized data storage and retrieval.
- Developed systems ensuring seamless customer and merchant experiences with advanced filter options
- system works over a huge data set and provides listing as well as search results with numerous filters efficiently to the customers and merchants. In addition, dealing with the challenges associated with storing data of big volume and ensuring optimized search.

Wissen Technology, *SDE-II*

March 2017 - July 2019

- Built an investment banking repository aggregator for risk data enrichment and exposure to downstream systems.
- Utilized Spark, Hibernate, Spring Boot, Camel, and Drools for rule-based data processing.
- Worked with complex database ecosystems including DB2, Sybase, and Greenplum in Unix environments.

Practo Technologies, *Software Developer*

Sept 2016 - March 2017

- Gained expertise in Spring Boot, web technologies, and API development.
- Contributed to both backend and UI components using Angular and modern front-end frameworks.

Tata Consultancy Services, *System Engineer*

December 2010 - May 2014

- Began career in software development with a focus on Eclipse plugin-based development for a debugger tool.
- Learned and implemented complete SDLC methodologies, honing foundational skills in Java-based systems.

EDUCATION

IIT Kanpur, *MTech [CSE]*

June 2014 - June 2016, CPI 8.0

G. B. Pant Engineering College, BTech [CSE]

June 2006 - June 2010, CPI 63%

Contact : +1 438-926-3199   **Link : Anoop-Linked-in**   **Email- anoop.rawat.mail@gmail.com**