Ratnamani Kondeti

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🌐 https://ratnamanikondeti.github.io/Portfolio/

SUMMARY

Results-driven Software Engineer with 5+ years of experience developing and optimizing big data applications, real-time processing pipelines, and distributed systems. Strong expertise in Java, Scala, Spark, Kafka, Flink, ClickHouse, SQL, and cloud-native solutions. Proven ability to optimize data consistency, scalability, and efficiency by 40% in high-throughput environments. Driven to solve large-scale data challenges and contributing to TikTok's monetization ecosystem through AI-driven solutions.

SKILLS

- **Languages**: Java, J2EE, C/C++, Python, HTML5, CSS3, JavaScript
- **Frameworks & Technologies**: Spring, Spring Boot, Spring MVC, Swagger, Hibernate, OOD, JSP, REST APIs, Microservices, IOC Containers, Spring Initializer, Exception Handling, JPA Query, Spring Security 6, Dependency Injection, JDBC, AWT token, Multi-threading, GraphQL, Spring JPA, Spring DAO, PostgreSQL, Terraform, Java 8, ReactJS, OAuth
- **Database Systems**: MySQL, Oracle, SQL, Redis, RDBMS, PostgreSQL
- **Cloud Platforms**: AWS (Certified Developer - Associate), Lambda, API Gateway, CloudFormation, Code Commit, AWS Code Build, Code Deploy, Code Pipeline, S3, DynamoDB, RDS, CloudWatch, IAM, SDK for Java, Kubernetes, Docker, Apache NiFi, Apache Kafka, CI/CD pipelines
- **Tools & Methodologies**: A/B Testing, Git, GitHub, JIRA, Agile, Scrum, Maven, JWT, Waterfall, Postman, CICD, Linux/Unix, Windows, iOS, MS Office, Eclipse, IntelliJ, Make/CMake, Meld tool, Bash, PowerShell, Gtest, AES encryption and decryption, JUnit, JMock, Mockito, TLS Encryption, Bitbucket, SVN, Terraform, AnypointStudio CloudHub
- **Networking & Messaging**: Event-driven architecture, Streaming data pipelines, Data lakehouse optimization
- **Big Data Technologies:**: Apache Flink, Apache Spark, Kafka, Hive, ClickHouse, Doris

PROFESSIONAL EXPERIENCE

Rakuten Symphony | *Software Engineer II*   **Apr 2022 - Jun 2023**

Next-Generation OSS Product Team - 5G Network Transformation (RCP - 5G-RAN)
- Developed and optimized large-scale real-time data pipelines using Flink, Kafka, and Spark, improving data ingestion efficiency by 40%.
- Designed high-performance distributed systems with ClickHouse and Doris, reducing query latency by 30%.
- Built and deployed AI-driven analytics applications, enabling advanced customer behavior tracking and data intelligence.
- Integrated streaming data with AWS cloud-based storage (S3, RDS, DynamoDB), enhancing data consistency and resilience.
- Led debugging and performance tuning efforts, resolving 99% of reported data anomalies.
- Participated in system design discussions and architectural evolution, improving overall scalability.

InnoEye Technologies | *Software Engineer*   **Dec 2020 - Apr 2022**

OSS Product Team - Foresight (4G-vRAN Network Service)
- Developed batch and real-time data processing pipelines using Apache Flink and Kafka, supporting high-volume transactional data.
- Implemented RESTful APIs and optimized SQL queries for data warehouse management, reducing query execution time by 35%.
- Collaborated with cross-functional teams to enhance TikTok-like ad analytics systems, ensuring high throughput and reliability.
- Secured APIs using OAuth2, improving authentication and access control mechanisms.
- Automated CI/CD pipelines with Jenkins, reducing deployment time by 45%.

Millennium Intech Pvt Ltd | *Software Engineer*   **Sep 2018 - Nov 2020**

AI-Powered Industrial Automation System
- Built event-driven architecture for data synchronization, leveraging Kafka and Flink.
- Developed AI-driven predictive analytics for real-time decision-making, increasing forecasting accuracy by 25%.
- Designed and optimized database schemas for large-scale data lakes, reducing storage costs by 20%.
- Engineered containerized applications using Docker & Kubernetes, improving system scalability.
- Integrated cloud-based logging and monitoring solutions to ensure 99.99% system uptime.

Education

Eastern Illinois University   **Aug 2023 - May 2025**
Master's, computer technology (GPA: 3.86)   *Charleston, IL*
- **Coursework:** Advanced Database Systems, Cloud Computing, Software Engineering, Data Structures, Algorithms, Java Application in Technology

Certifications

- **AWS Certified Developer – Associate**: https://www.credly.com/badges/bdf462f4-7e3c-4f62-9719-efbe76ed9142/public_url