Irving, TX 75038 | 469662-8845 | kalekhya125@gmail.com

ALEKHYA KALIDINDI

PROFESSIONAL SUMMARY

Full Stack developer with four years of experience in designing, developing, and optimizing robust software solutions. Proficient in Java and its associated frameworks- Spring and Spring Boot and Python. Strong problem-solving skills and a commitment to delivering clean and maintainable code. Looking to leverage expertise in software development to contribute to innovative projects and drive organizational growth.

SKILLS

Programming Languages: Java, Python, C++, Javascript, HTML, CSS, SQL

Frameworks: Spring, Spring Boot, Apache Hadoop, Storm

Cloud Services: Amazon S3, AWS Lambda, AWS DynamoDB, AWS CloudFront, Azure Databricks, Azure DataFactory

WORK HISTORY

GRADUATE RESEARCH ASSISTANT 03/2023 to 09/2023
Louisiana Tech University
- Conducted comprehensive data preprocessing for the NHIS 2021 adult dataset, including cleaning, handling missing values, and feature engineering, resulting in improved data quality and reliability.
- Implemented and rigorously evaluated predictive models to forecast health outcomes for conditions like diabetes, hypertension, cancer, and COVID-19 symptoms using socio-economic and lifestyle parameters.
- Utilized advanced statistical software to analyze large datasets, uncovering key insights for informed decision-making.

SYSTEMS ENGINEER 12/2021 to 02/2023
Tata Consultancy Services
- Designed and developed scalable asynchronous microservices and event-driven architecture using Spring Boot, Couchbase, and Kafka, enhancing system performance and real-time data processing.
- Contributed to the successful deployment of code in an OpenShift environment, optimizing the delivery pipeline for seamless integration and continuous deployment.
- Established a robust unit testing framework for microservices, ensuring comprehensive code coverage and application reliability.
- Collaborated with cross-functional Agile teams in story grooming sessions, reviewing stories and acceptance criteria, and defining performance metrics to align technical solutions with business objectives.

ASSOCIATE SYSTEMS ENGINEER 08/2019 to 11/2021
Tata Consultancy Services
- Orchestrated Redis data transfer to Cosmos DB, ensuring data consistency and high availability within the Azure environment.
- Designed and implemented an Azure solution for Real-Time Location Service, enhancing operational efficiency and end-user experience.
- Developed and managed data integration and transformation workflows using Azure Data Factory, streamlining data pipelines and enhancing data quality.
- Deployed applications in Azure DevOps, implementing automated build and release pipelines for efficient, error-free deployments, and pioneered the adoption of CI/CD practices to accelerate development cycles.

EDUCATION

Louisiana Tech University, Ruston, LA
Master Of Science, Computer Science, 05/2024

Indian Institute of Information Technology, Kottayam
Bachelor of Science, Computer Science, 05/2019