Shawrup Kumer Suter

Dhaka, Bangladesh · +880-1937-047053

shawrup.k.suter@gmail.com · shawrup-kumer-suter · bimurto · shawrup · bimurto.io

WORK EXPERIENCE

Kona Software Lab Ltd., *Dhaka, Bangladesh*

Engineer Level 2   *Mar. 2016 – Present.*

- Designed, Developed and Deployed systems containing multiple microservices with Spring Boot, Oracle DB, MySql and MongoDB on AWS and Bare Metal Servers
- Promoted CI/CD and built the CI/CD pipeline for a whole system with 20+ microservices
- Analyzed System Performance and improved code to achieve consistent 200 financial transactions per second
- Performed Successful DB Migration to upgrade system and database architecture with thousands of users and 10+ databases
- Collaborated with clients to develop features and deliver releases on time
- Trained and Mentored new recruits and developed them to become reliable resources for the organization

TECH SKILLS

Expert: Java, SQL, Spring Framework, Spring Boot, JPA, Git, Docker, Jenkins, Oracle DB, Redis, MicroService
Advanced: JavaScript, Python, Shell Scripting, ReactJS, Spring Batch, MyBatis, Gradle, MySQL, MariaDb, AWS EC2, ECS & ELB, Jira, Confluence, RabbitMQ, Apache Kafka, Pandas
Familiar: HTML, CSS, Scala, PHP, C, C++, Spring Cloud, ELK Stack, Kubernetes, MongoDB, Postgres, Machine Learning, Deep Learning, Hadoop, Hive, Impala, Apache Spark, Numpy

SOFT SKILLS

Great At: Debugging, Analysing Problems and finding solutions, Teamwork
Good At: Designing solutions, Adapting to new environment and culture, Respecting different opinions

WORKED IN PROJECTS

Kona Card - konacard.co.kr
Kona card is a Financial Payment System with hundreds of thousands of users and thousands of merchants.

- Built a notification system to send notifications to millions of users with Spring Boot, Oracle DB, APN and FCM
- Implemented systems to connect external payment system to Kona Card system with Spring Boot and Oracle DB

Tech Stack: Spring Framework, Spring Boot, Spring Batch, Oracle DB, Redis, RabbitMQ

Video Streaming Service - Veaver - veaver.com
Veaver is a video based knowledge sharing service for businesses to train employees with video lectures, quiz, short and long questions.

- Redesigned and developed Veaver Video Streaming Service to make it a more efficient and cost effective cloud system reducing the cost over 45% on AWS with Spring Boot, MySQL and ReactJS
- Built an ETL tool with Spring Batch to successfully migrate data to newly designed system from old system

Tech Stack: Spring Framework, Spring Boot, ReactJS, MySQL, MongoDB

Laototo Lottery System
Lottery Game System for Laos Citizens in collaboration of Laos Government with 5/45 lottery game.

- Implemented CI/CD pipeline with Jenkins for this Laototo Lottery System which saved development time by 20%
- Trained non front end developers on ReactJS and lead them to assist front end developers to meet deadline
- Ran stress test and optimized components and kafka to achieve best performance in production

Tech Stack: Spring Framework, Spring Boot, Spring Batch, ReactJS, Oracle DB, Redis, MariaDB, Apache Kafka

Digital Financial System - Nagad - nagad.com.bd
Nagad is a Digital Financial Service of Bangladesh Post Office with tens of millions of users and hundreds of thousands daily transactions.

- Developed a system to store millions of users account balance, apply debit or credit operations and calculate fee and commissions for financial transactions

Tech Stack: Spring Framework, Spring Boot, Spring Batch, Angular, Oracle DB, Redis, RabbitMQ

Campaign Management and Recommendation System - CPMS
CPMS is a system built to create and manage campaigns to recommend coupons to users based on their past purchases.

- Developed and deployed multiple microservices using flask and spring boot to manage campaigns and recommend coupons using ML techniques, recommendation systems and big data technologies

Tech Stack: Spring Boot, ReactJS, Flask, Scikit Learn, Autokeras, Pandas

EDUCATION

Bangladesh University on Engineering and Technology, *Dhaka, Bangladesh*

B. Sc. in Computer Science and Engineering   *Mar. 2011 – Mar. 2016*
CGPA: 3.68 / 4.00

HOBBIES & INTERESTS

Reading, Trying out new techs both hard and soft, Distro Hopping