Shawrup Kumer Suter

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Professional Profile

4+ years experienced Software Engineer with expertise in Java and Spring Framework. Highly motivated and strong team player with great technical knowledge. Experienced in developing high performance and highly available microservices while following best development practises. Devops enthusiast and promoter.

Experience

Mar 2020 – Present **Engineer Level 2**, *Kona Software Lab Ltd.*, Dhaka, Bangladesh.
Designed and developed Continuous Integration and Continuous Deployment architecture for Laos Lottery Project. Fixed critical and challenging bugs and implemented of enhanced security measures of this project. Tuned Apache Kafka Performance for event processing.

Mar 2019 – Mar 2020 **Engineer Level 2**, *Kona Software Lab Ltd.*, Dhaka, Bangladesh.
Redesigned and developed of Veaver Video Streaming Service as part of a team. Implemented backend features and database designs. Solely prepared deployment architectures and ETL tools. Successfully migrated data to newly designed system from old system.

Jan 2017 – Feb 2019 **Engineer Level 1**, *Kona Software Lab Ltd.*, Dhaka, Bangladesh.
Developed and maintained multiple microservices for Kona PayPaas and Digital Financial System. Prepared for production deployment for multiple system components. Prepared queries for Data Migration from KonaCard V1 server to V2 server.

Mar 2016 – Dec 2016 **Junior Engineer**, *Kona Software Lab Ltd.*, Dhaka, Bangladesh.
Actively involved in the initial development of Kona PayPaas. Integrated iOS push in the system and also actively took part in feature planning and maintenance of Kona PayPaas. Learned about Card Security and Payment Systems.

Technical Skills

Proficient With

languages	Java, SQL, JavaScript
framework & libraries	Spring Framework, Spring Boot, JPA with Hibernate, MyBatis, Junit
tools & technologies	Git, Gradle, Jenkins, Mosquitto, AWS EC2, AWS ECS & AWS ELB
databases	Oracle DB, MySQL, Redis

Have Experience With

languages	Python, Shell Script, PHP, C, C++, HTML, CSS
framework & libraries	ReactJS, AngularJS, Spring Batch, Spring MVC, Spring Data
tools & technologies	MicroService Architecture, Docker, RabbitMQ, Apache Kafka, Thymeleaf, Tomcat, UnderTow, FCM, APN, AWS Lambda, AWS S3, ElasticSearch, Kibana, ELK APM, Ubuntu , CentOS, JasperReport
databases	MongoDB

Soft Skills

Great At

Critical Thinking, Analysing Problems and finding solutions, Teamwork

Good At

Designing solutions, Adapting with new environment and culture, Respecting different opinions

Education

2011–2015	**B. Sc. in Computer Science and Engineering**, *Bangladesh University of Engineering and Technology*, Dhaka, Bangladesh.
cgpa:	3.68/4.00

Worked In Projects

Laos Lottery Project

description	Laos Lottery Project is a Lottery Game System built for Laos. Users will play 5/45 game by buying ticket from Game Terminal or App. After each round the system will calculate prize money and find winners.
responsibilities	○ Was in charge or Kafka tuning and Kafka failure handling. ○ Developed CI/CD for smoother integration and deployment. ○ Developed some security enhancement for the system. ○ Participated in fixing critical bugs and stability issues.

Kona Card

website	https://www.konacard.co.kr/
description	Kona Card is a prepaid service built around Kona PayPaas, a mobile payment platform which offers the users to make payment using both HCE SE (Secure Element) and CardSE. With Kona Card mobile payment system a user make transactions in different merchant shops with NFC enabled POS, Online, QR Code and Barcode Payment using his Smartphone and also with physical card connected to his app.
responsibilities	○ Designed, implemented and maintained multiple microservices in Kona Card Project. ○ Actively took part in initial production architecture design and real server deployment. ○ Actively participated in Kona Card data migration while system redesign. ○ Participated in Kona Card performance monitoring and performance improvement.

Digital Financial System - Nagad

website	https://nagad.com.bd/
description	Nagad is a Digital Financial Service of Bangladesh Post Office. Users can register in Nagad with valid IDs and can access features like deposit of e-money in their Nagad account, sending e-money from one user to another user, cashing out of e-money from Nagad agents, make payments to merchants, mobile top up and others.
responsibilities	○ Designed, implemented and maintained multiple microservices in Nagad project.

Video Streaming Service - Veaver

website	https://www.veaver.com/
description	Veaver is video based knowledge sharing service. You can upload a video and add extra metadata as secondary knowledge at different points of the video like texts explaining the topic shown at that time in the video, pictures , links, maps , quiz and votes.

responsibilities
- ○ Actively took part in Veaver redesign and development.
- ○ Designed and implemented an ETL tool to Migrate V1 data to V2 structure.
- ○ Designed, created and maintained Veaver production deployment architecture in AWS.

Hobbies & Interests

Reading | Love to read books specially thrillers.

Tech & Gadgets | Love new technology and gadgets and always try to keep up to date of them.

Software & OS | Linux enthusiast and loves distro hopping. Always eager to try out new technology for fun.