

Sagnik Chakraborty

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SUMMARY*

Experienced Lead Software Engineer with 11.2 years of expertise in designing, developing, and deploying scalable software applications. Proficient in modern technologies, designing software solutions along with strong focus on legacy modernization. Helping teams achieving hyperproductivity using Generative AI, skilled in leading cross-functional teams, driving projects from scratch to success through collaboration, and delivering high-quality, innovative solutions. Passionate about continuous improvement and leveraging technology to solve complex challenges.

SKILLS

TECHNICAL SKILLS: Java, Spring, Spring Boot, MySQL, Docker, Kafka, AWS, JavaScript, React.js, Redux, Google Apigee, Node.js, DevOps, Legacy AS400 modernization, System Integration Design.

TOOLS: GitHub, Copilot, Concourse CI, GoCD, Jenkins, Datadog, ParkMyCloud, FileZilla, JIRA, Confluence, Trello, Excel.

PROFESSIONAL EXPERIENCE

Infosys Limited
Technology Lead

Hyderabad, Telangana / India
May 2015 – Present

Publish Legacy ERP data to Confluent Kafka for organization wide use

- Ideated, architected and developed a solution to **publish legacy ERP data** into **Confluent Kafka** for **enterprise-wide use consumption**.
- **Lead** technical architecture discussions with Enterprise Architecture team to build a **robust system** that can be used across different **Line of Businesses**.
- The solution is publishing out critical business details like customer data for Salesforce consumption, invoice and AR data for CORA and HighRadius consumption in near real-time. On an average **10,000** records are published out in around **15 minutes** with a payload size of around 10MB.

AWS Migration Project

- **Lead** the **migration** of a **monolith web application** created with **React** and **Spring MVC**, from **legacy** environment to organization supervised **AWS** environment.
- In the process the app was **containerized** with **Docker** and **AWS ECS** was used for orchestration enabling flexible scalability using **Auto Scaling Groups**.
- Client was able to **save** around **25% on their infrastructure cost**, which then further went up to **31%** with strategic **parking** of resources during non-business hours.

Single Payment App initiative

- Designed, built and deployed **RESTful Web Services** built with **Spring Boot** for "One Payment Portal" initiative, enabling seamless customer payments.
- **Integrated** multiple iSeries AS400 ERP systems to facilitate efficient data exchange and processing.
- Ensured smooth communication between RESTful services and legacy systems with graceful error handling and auto retry mechanisms for **enhanced system interoperability**.

B2C integration

- Introduced **B2C** feature in online order entry application by integrating **PayPal API**, enabling **guest customers** to make **purchases**.
- Spearheaded the integration during COVID-19, ensuring a **seamless shopping experience for non-registered users**.
- **Increased sales by 47%**, driving significant revenue growth for operating companies during a critical period. It allowed **timely clearance** of fresh produce inventory, **reducing** waste and preventing product decay.
- Played a key role in **adapting** the business to rapidly changing market conditions, contributing to overall **operational success**.

HONOR AWARDS

Infosys Employee of the Quarter
In H1FY'21

Infosys RCLADM Unit Crown Award
Most Valuable Player for H1 FY18