

SUMMARY

Senior Software Engineer with 5 years of experience, specializing in Java, Spring, data modeling, and distributed systems. Demonstrated success in leading feature development to build consistent, secure, and resilient systems for global payment operations.

TECHNICAL SKILLS

Languages: Java , C# , Python , HTML/CSS , SQL

Frameworks and Libraries: Spring , .NET , Docker , ReactJs , Kafka , PostgreSQL , NoSQL

Tools and Technologies: Git , Jenkins , NodeJs , Distributed Systems , AWS

EXPERIENCE

Bank of America

Dallas, TX

Senior Software Engineer · Java, Spring, Kafka

December 2023 - December 2024

- **Led a team of 8 developers** to migrate a mainframe-based forex payments engine to a Java-based system, enabling the processing of XML payments and ensuring compliance with **ISO standards** and **US regulations**.
- Delivered a **10x faster settlement time** by developing a **Swift ISO Payment Repair system** to repair and reinitiate approximately 5-10k failed transactions daily.
- Reduced dependency for 60+ projects on Mulesoft code by creating a **Java/Spring framework**, saving the company over **\$1 million/year** in EOL updates and licensing fees.
- Designed and deployed a **compliance monitoring service** with **Spring Boot** and **Kafka**, managing **\$45 billion** in monthly transactions.

Bank of America

Dallas, TX

Software Development Engineer II · React, Java, Spring, Cassandra

July 2020 - December 2023

- Built a **distributed Canada Lynx payment system**, processing high-value payments with **\$37.5 million CAD** handled in its first week.
- Reduced SMS vendor switching time during outages from **extbfhours** to minutes by creating an **SMS monitoring dashboard** with control switches and **analytics data through Cassandra**), supporting approximately **66 million clients**
- Authored monthly newsletters, technical blogs, and organized cross-team connects, fostering **extbfknowledge-sharing** and **extbfteam engagement**.

IHS Markit

Raleigh, NC

Software Development Intern · C#, .Net, MySQL

June 2019 - August 2019

- Built an **ownership search feature** leveraging parameters like amount, period, percentage, and company to fetch the largest/smallest holdings using publicly available ownership and surveillance data at both the institution and fund levels.
- Programmed a **microservice** in **C#** and **.Net Core** to enhance data layer efficiency by replacing monolithic architecture components and added front-end features using **Angular** and **NgRx**.

PROJECTS

Twitter Effect (NodeJs, Firebase) :

Built a voice-driven interface to enable natural interaction with Twitter. Utilized **IBM Watson** to analyze tweets fetched from the Twitter API, performing sorting, filtering, and keyword detection via a **Node.js backend**. Integrated the solution with **Google Dialogflow API** and **Google Assistant**, allowing seamless voice-based interaction with Twitter.

EDUCATION

University at Buffalo

Bachelor of Science - Computer Science

Buffalo, New York

August 2016 - May 2020