

Shweta Jose

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Education

Master of Science in Information Systems

Expected May 2023

Northeastern University, Boston, MA

Relevant coursework: Data Management & Design Databases, Object Oriented Design, Application Engineering Development

Bachelor of Technology in Electrical and Electronics Engineering

May 2018

National Institute of Technology, Warangal, India

Relevant coursework: Problem Solving and Computer Programming, Data Structures and Algorithms, Management of Information Systems

Skills and Interests

Programming & Scripting Languages/Web Technologies: Java, C++, Unix shell scripting, HTML, CSS

Web/App servers: Apache 2.x, WebSphere 9.x, Jboss 7, Appian 19.x, 20.x

Tools and Software: Ansible, XLR, Bitbucket, Bladelogic

Database: MySQL, Mongo DB

Professional Experience

Bank of America, Co. Solutions Ltd., Hyderabad, India

Senior Systems Engineer

July 2020 - August 2021

- Achieved live transactions for the bank's very own new Merchant Services businesses expeditiously by building and configuring a development environment on **Appian**
- Fixed security vulnerabilities and added new features regularly to keep servers up to date by patching, troubleshooting, installing, and configuring **WebSphere, Jboss, Apache** middleware servers for 25+ applications (Online Banking, Desktop, Mobile, and Payments)
- Launched migration to new, resilient production servers of vol. 500+ on time to improve customer experience

Senior Technical Associate

June 2018 - July 2020

- Led efforts to configure 10+ applications w/ partner DevOps as part of the continuous integration and deployment (CI/CD) effort which eliminated hardening phases like "code freeze" of the SDLC using **Ansible, XLR, Bitbucket, Celestial**
- Contributed towards significant infrastructure changes and troubleshooting during spikes in volumes of USD 18 billion as part of CARES Act which provided relief to small business customers
- Accomplished smooth functioning of 500+ web & app servers by managing 50+ TLS/SSL certificates of the servers using **Venafi**
- Optimized the auditing process of identifying GIS violations on 500+ web & app servers using **Bladelogic** that reduced manpower
- Attained continuous precise billing of 500+ web & app servers by managing Quality Analysis

Projects

Wellness App (Java8, NetBeans)

2021

- Developed a Java Swing application for creating a convenient one stop platform to access health consultation, a nutritionist, and a fitness guru, all at your fingertips.
- Implemented design patterns like Singleton, Factory pattern (using enumeration)

Covid-19 Tracker (MySQL and Tableau)

2021

- Designed and modelled a database to assist health officials analyze covid-19 breakthrough cases, recovery rates, effects of vaccines over time, and outbreaks to track new mutations of SARS-CoV-2
- Implemented the tracking system using stored procedures and functions