## PROFESSIONAL OVERVIEW

# Marufa Sultana Sumi

# Associate Technical Consultant

A versatile technology professional with expertise in Adobe Experience Manager (AEM) authoring, Certified Salesforce Development and Administration, and full-stack software engineering. Proficient in the software development lifecycle, with practical experience in a range of technologies including Java, Spring, Spring MVC, Spring Boot, JUnit, SQL, PostgreSQL, HTML5, CSS, and JavaScript. Skilled in both Salesforce development and administration, I bring a strong understanding of building and managing robust applications. I seek to contribute my skills and knowledge to a forward-thinking organization where I can further refine my technical abilities and support innovative projects.

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|  | * AEM Author * Full stack Developer * Salesforce Developer * Salesforce Administrator * Industrial Pharmacist |
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| Solutions | * Designing, writing, testing, and debugging software applications. * Troubleshooting, verifying, and deploying software systems. * Following coding standards and best practices. * Collaborating with the team and participating in code reviews. * Salesforce Development and Administration |
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| Industries | * Automotive * IT * Pharmaceuticals |
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| Technologies | * AEM, Salesforce, Machine Learning, Deep Learning * Programming Languages: Java, JavaScript, Apex, Python (Pandas, NumPy), HTML5, CSS3 * Frameworks: Spring, Spring Boot, node.js, Express, Bootstrap, Apex triggers * Data management Tools: SQL, PostgreSQL, SOQL, SOSL * Low code Tools: Salesforce Flows, Approval process, Salesforce Admin, DB designer, Figma * Software and Tools: VS Code, IntelliJ, Postman, Salesforce Developer console, Git, GitHub, JIRA |

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| Education | Certifications Salesforce Data Cloud Consultant  Salesforce Certified AI Associate |
| Master of Pharmacy, State University of Bangladesh ,2014  Bachelor of Pharmacy, State University of Bangladesh,2013 | Salesforce Certified Administrator  Salesforce Platform Developer I  Trailhead Double Star Ranger |
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| Publication  Using Ensemble Approaches and Different Sampling techniques to handle class imbalance challenges in coronary heart disease prediction. (IEEE conference)  Second Best paper award (21-23 Sep,2023)  **Link**: <https://ieeexplore.ieee.org/abstract/document/10303421> | Projects **Machine Learning Projects GitHub Link**:  <https://github.com/marufasumi/Python-for-Data-Science-My-Learning/tree/5.Machine_Learning_Projects>  **Deep Learning Projects GitHub Link:**  <https://github.com/marufasumi/Python-for-Data-Science-My-Learning/tree/6.Deep_Learning> |
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# PROFESSIONAL AND BUSINESS EXPERIENCE

Electrify America August, 2024 –Present

Salesforce Developer

Working as a Salesforce Developer.

Responsibilities:

* Managing user accounts, profiles, roles, and permissions in Salesforce to ensure secure and appropriate access to system resources.
* Developing and maintaining automation processes, such as flow, Validation Rules, Approval Processes, Auto-Response Rules, Global Picklists, Field Dependencies, Roll-up Summary Fields, Cross-object Formula Fields, Master-Detail Relationships, and Lookup Relationships to enhance operational efficiency.
* Participating in Creating and maintaining custom reports and dashboards to provide stakeholders with key business insights and analytics.
* Development and Implementation of the Salesforce Cloud application using Sales Cloud Service Cloud, methodologies.
* Working on database operations, system processes, and analyzing errors that occur when executing a transaction or while running unit tests, which are processed in Debug Logs
* Working on S-Doc manage package and developed various PDF format welcome letters as per business needs.
* Writing Apex Triggers and classes with code optimization taking into consideration the Governor limits as a solution in attaining the customizations requested by the business users.
* Working on creating and updating existing Flows
* Actively managing in resolving issues during the testing phase and deployments both in Sandbox as well as Production.
* Developing various new custom fields, Tabs, Entity-Relationship data model, validation rules
* Experience in use of Sharing rules to share records for either user or group or role

Enterprise Mobility June17, 2024 –July,2024

AEM Author

Working as an AEM author.

Responsibilities:

* Authored on Conventional environments.
* Collaborated with cross-functional teams, utilizing AEM's workflow features to streamline content approval processes.
* Managed digital assets, including images, videos, and documents, using AEM's Digital Asset Management (DAM) system.
* Conducted thorough testing and quality assurance on authored content, ensuring consistency and accuracy across all published materials.
* Identified and resolved content-related issues, ensuring smooth and efficient page functionality.
* Worked closely with developers, designers, and other stakeholders to ensure content alignment with business goals.

Perficient Generative AI Lab June 2024 –Present

(Marketing Gen AI project)

Responsibilities:

* Actively participating in daily standup and brainstorming
* Shadowing a Blackened Developer

Ford Motor Company December 2023 – June 15, 2024

AEM Author

Working as an AEM author.

Responsibilities:

* Authored both on **Conventional and Headless** environments.
* Collaborated with cross-functional teams, utilizing AEM's workflow features to streamline content approval processes.
* Managed digital assets, including images, videos, and documents, using AEM's Digital Asset Management (DAM) system.
* Conducted thorough testing and quality assurance on authored content, ensuring consistency and accuracy across all published materials.
* Identified and resolved content-related issues, ensuring smooth and efficient page functionality.
* Worked closely with developers, designers, and other stakeholders to ensure content alignment with business goals.

Electrify America August 2023 – February,2024

Salesforce Developer and Administrator

Worked as a Salesforce Administrator and QA Tester

Responsibilities:

**Salesforce Administrator**

* Managed user accounts, profiles, roles, and permissions in Salesforce to ensure secure and appropriate access to system resources.
* Imported, exported, and maintained Salesforce data, ensuring data accuracy and integrity through regular data cleansing.
* Created and managed custom objects, fields, record types, and page layouts to meet business requirements.
* Developed and maintained automation processes, such as flow, Validation Rules, Approval Processes, and Auto Response Rules to enhance operational efficiency.
* Created and maintained custom reports and dashboards to provide stakeholders with key business insights and analytics.
* Documented Salesforce processes and provided training to end-users to ensure efficient system use and adoption.
* Developed and configured Global Picklists, Field Dependencies, Roll-up Summary Fields, Cross-object Formula Fields, Master-Detail Relationships, and Lookup Relationships to enhance data structure and relationships in Salesforce.
* Deployed ticket using **COPADO.**
* Used **JIRA** for project management.
* Practiced **Agile**

Salesforce Tester

* Created detailed test scenarios for Salesforce applications, ensuring comprehensive coverage of features and business requirements.
* Documented test cases with detailed outcomes, noting whether they passed or failed, to support quality assurance and continuous improvement.
* Conducted functional testing on Salesforce changes, validating the behavior and accuracy of customizations and features.
* Performed regression testing after system updates or changes to ensure continued stability and functionality.
* Identified and documented defects, working with developers and other stakeholders to ensure timely resolution.
* Collaborated with cross-functional teams, including developers, business analysts, and project managers, to support Salesforce projects.

# PROFESSIONAL EDUCATION AND TRAINING

Dev Mountain BrightPath Program April 2023 – July,2023

Full Stack Software Engineer Trainee

* Learned full stack Software Engineering and developed skills and knowledge in Front end, Backend, Database Management, Testing, Data structure and Algorithm.
* Developed skill and knowledge across the area of Java, Spring, Spring MVC, Spring Boot, Thyme leaf, JavaScript, node.js, Express.js, HTML5, CSS3
* Extensively used Git for version controlling and regularly pushed the code to GitHub.
* Participated in pair programming both as a Driver and Navigator
* Used JEST and Selenium framework to create test class during foundation and Junit framework during the specialization to create test classes.
* Developed a Pharmacy Management App during the specialization using HTML, CSS, JavaScript, Bootstrap and Thyme leaf for frontend and Spring Boot, Hibernate data JPA as ORM, PostgreSQL for Backend.
* Developed a Gestational Diabetes management App for the foundation capstone using HTML, CSS, JavaScript , Axios, node.js, Express.js and PostgreSQL.

Soft Innovas April 2022 – October 2022

Salesforce Developer Trainee

Participated in Salesforce Developer and Administrator Training.

Responsibilities:

* Acquired foundational knowledge of Salesforce concepts, including standard and custom objects, fields, record types, page layouts, and user management.
* Participated in real-world projects to develop Salesforce applications, gaining practical experience in Salesforce development and administration tasks.
* Learned Apex programming language and developed triggers to implement business logic and automation within Salesforce.
* Created Visualforce pages and Lightning components to build custom user interfaces and enhance Salesforce applications.
* Practiced importing, exporting, and managing data in Salesforce, including data cleansing and deduplication techniques.
* Implemented automation using Salesforce Workflows and Process Builder to streamline business processes and reduce manual tasks.
* Studied Salesforce security concepts, including profiles, roles, permission sets, and sharing rules, to ensure data security and access control.
* Developed and executed test cases for Salesforce applications, ensuring functionality and quality of customizations.
* Collaborated with other trainees and instructors to complete bootcamp projects, demonstrating teamwork and effective communication.
* Learned and applied Salesforce best practices, documenting processes and customizations for future reference and

knowledge sharing.

Texas A & M University, College Station August 2019– Dec 2019

PhD Student (Teaching Assistant)

Responsibilities:

* Irma Lerma Rangel School of Pharmacy
* Research Area: engaged in research that not only expands the theoretical underpinnings of clinical pharmacy but also translates into practical applications.
* Supervisor: Dr Mansoor Khan, PhD. Regent professor

Shanghai Jiao Tong University, China September 2016 – Dec 2018

PhD Research Scholar (Chinese Govt. scholarship)

Responsibilities:

* School of Pharmaceutical Sciences
* Research Area: Drug quality control and analysis of complex biological samples.
* Supervisor: Professor Dr. Chao Yan

Renata Limited (Previously Pfizer Bangladesh) February 2016 – August 2016

Senior officer, Quality Control

Responsibilities:

* Performed all types of physical and chemical analysis of Pharmaceuticals Raw materials and finished product.
* Handling instruments like (HPLC, GC, TLC, KF titrator, Auto titrator, UV-visible Spectrophotometer, IR Spectrophotometer, particle size analyzer, pH meter.
* Practiced GLP, GMP.

Incepta Pharmaceuticals Limited December 2013 – December 2015

Officer, Quality control

Responsibilities:

* Analysis of raw materials and finished product.
* Machine operation (HPLC, GC, TLC, KF titrator, Auto titrator, UV-visible Spectrophotometer, IR Spectrophotometer, particle size analyzer, pH meter.
* Source validation of different types of raw materials