

Manali Sanjay Raut

Boston, Massachusetts, United States

manalisanjayraut@gmail.com

[linkedin.com/in/manalisanjayraut11](https://www.linkedin.com/in/manalisanjayraut11)

Summary

As an Associate Manager at Accenture, I leverage my MS in Information Systems and my extensive software development experience to deliver innovative and high-quality business solutions. I have over 9 years of experience in leading and executing complex projects using Java, Spring, Azure, and other technologies, ensuring on-time and on-budget delivery and exceeding client expectations.

I have successfully led a newly formed unit to improvise an existing framework, resulting in higher customer satisfaction and retention. I have also resolved 90% of technical issues, demonstrated exceptional proficiency in creating and integrating microservices, and acted as a subject matter expert in advising senior management. Additionally, I have enhanced my skill set by completing a Post Graduate Data Science Program and obtaining certifications in the insurance domain and AWS cloud. I am passionate about learning new technologies and applying them to solve real-world business challenges.

Experience

> Associate Manager

Accenture

Dec 2022 - Jul 2023 (8 months)

- Acted as a Subject Matter Expert (SME) in an advisory capacity to senior management, leading innovations and providing recommendations on business performance improvements.
- Led a newly formed unit to improvise existing framework using Java, Spring framework, and microservices architecture resulting in higher customer satisfaction.
- Effectively resolved 90% of complex technical issues, ensuring on-time solution delivery.
- Successfully created and integrated new microservices using Spring Integration to establish connections with third-party systems. Demonstrated exceptional proficiency with a 95% proficiency with a 95% success rate in test cases, effectively validating the reliability and functionality of the microservices using SOAPUI and ReadyAPI.
- Incorporated a caching mechanism to facilitate the storage of JWT Tokens, resulting in enhanced optimization and expediting the integration process. This approach significantly contributes to improved speed and efficiency in handling authentication processes.
- Participated in Quality Management reviews to ensure adherence to all quality management plans and standards.
- Designed and implemented batch jobs, leveraging the Spring framework to automate and streamline data processing tasks efficiently.
- Improved inter-system communication, resulting in a 20% reduction in latency and a 15% increase in data exchange efficiency through optimized asynchronous and synchronous channels.
- Executed a seamless migration from the old system to the new one, utilizing Java Utility to transfer millions of records, ultimately leading to the introduction of new and improved functionalities.
- Participated in Quality Management reviews to ensure adherence to all quality management plans and standards.
- Contributed to 100% successful end-to-end client delivery and deployment processes.

> Application Development Team Lead

Accenture

Jun 2021 - Nov 2022 (1 year 6 months)

> Application Development Senior Analyst

Accenture

Dec 2017 - Jun 2021 (3 years 7 months)

Senior Software Engineer

Atos

Dec 2013 - Dec 2017 (4 years 1 month)

- Successfully implemented new modules utilizing Java and the Hibernate framework to enhance system functionality.
- Played a pivotal role in the Olympic Games project, actively contributing to the development of web pages for different games. These applications were built using a comprehensive tech stack encompassing Java, JavaScript, HTML, and CSS, ensuring seamless user experiences for Olympic Games participants and enthusiasts.
- Proficiently generated 50+ reports using SQL Server 2008, primarily leveraging the capabilities of Stored Procedures, in conjunction with Microsoft Visual Studio Reporter, to deliver essential data-driven insights and reporting solutions.
- Engineered a robust script utilizing Apache scripting language, which autonomously generated 500+ Excel sheets. This dynamic generation process was parameterized, allowing for precise customization and scalability to meet diverse data needs.
- Successfully delivered change requests and resolved complex defects promptly, consistently meeting deadlines and exceeding customer expectations, thereby ensuring high customer satisfaction rates.

Education



Northeastern University

Master of Science - MS, Information Technology

Sep 2023 - Present



International Institute of Information Technology Bangalore

PostGraduate Certification, Data Science

Oct 2020 - May 2021

1. Credit EDA Case Study (Data Science and Machine Learning)

- Participated in understanding business problems, and analyzed customer-level data of the loan-providing company, and performed data cleaning and quality checks.
- Analyzed the data, prepared data visualizations (EDA), and identified defaulted customers.

2. Telecom Churn Case Study (Data Science and Machine Learning)

- Participated in understanding business problems, and analyzed customer-level data of a leading telecom company, and performed data visualization (EDA).
- Built different models with PCA for high performance to identify customers at high risk of churn and

identified the leading indicators.



**Bhartiya Vidya Bhavans Sardar Patel Institute of Technology Munshi Nagar
Andheri Mumbai**

Bachelor of Engineering, Computer Science

1. Voice-based Enquiry System

- Participated in developing an application strategy plan by performing detailed research on neural network techniques and estimating the risks associated with the planning phase.
- Contributed to the execution phase, prepared the presentation, and recorded the outcomes.

2. Computer Diagnosis Site

- Participated in implementing a designed solution using PHP, MySQL, CSS, and JavaScript.
- Provided technical support for the site's operations.
- Collected and analyzed the operational data and provided recommendations to improve the efficiency of operations

Skills

Git • Tortoise SVN • Microsoft Azure • Kibana • Postman API • JSON Web Token (JWT) • Cache Management • PHP • WebLogic • Tomcat