

Arkadeep Roy

Serampore, West Bengal | +91-7044747676 | royarkadeep1112@gmail.com

SUMMARY

Dedicated and detail-oriented Associate Software Engineer with 1.9 years of experience at Mphasis, specialized in Analysing Data and Visualizing as per business requirement. Gained expertise in Business Analysis and Testing throughout my journey. Have a keen to learn about automation testing tools, Microsoft Azure and data driven solution.

TECHNICAL COMPETENCY

- **Skills:** Data Modeling, Business Analysis, Test Automation, API Testing, SQL Optimization
- **Tools:** JupyterNotebook, Colab, SQL Workbench, Visual Studio, Postman, Docker, GitHub, Azure, Specflow, Excel, Power BI

WORK EXPERIENCE

Sept, 2023 - Present

Associate Software Engineering, Mphasis DataOps
Data Analysis

Mphasis AI DataOps

- Developed a machine learning-based predictive model to forecast customer purchase behavior to support data-driven marketing strategies.
- Analyzed historical customer data to uncover patterns and trends, leading to personalized targeting.
- Performed comprehensive data preprocessing, including data cleaning, validation, and transformation.
- Engineered relevant features from raw datasets, optimizing inputs for the predictive model and increasing its accuracy.
- Collaborated with cross-functional teams to streamline data workflows, resulting in a 25% improvement in overall process efficiency.

Trainee Associate Software Engineering, Mphasis
Developer

Dc Leadership Damu

- Contributed to the development of a E-commerce Web Application, enabling smooth user experiences for product browsing, cart management, and order placement.
- Performed RESTful API testing and integrated SQL Server with Entity Framework and Dapper to ensure database connectivity.
- Designed and executed unit and API test cases using SpecFlow and Postman.
- Deployed the application on MS Azure, enhancing system scalability and performance.

EDUCATION

Bachelor of Technology on Computer Science and Engineering

Aug 2018 - Jun 2022

Hooghly Engineering and Technology College

- Specialization in Computer Science

High School, ISC

May 2016 - May 2018

West Point Academy

- Studied Pure Science

Elementary School, ICSE

May 2015 - May 2016

West Point Academy

- Studied Science

ADDITIONAL INFORMATION

- **Strength:** Continuous learning, Documenting every aspect, Adaptability
- **Languages:** English, Bengali, Hindi
- **Interest:** Painting
- **Gender:** Male
- **Date of Birth:** 11nd Dec 1999