

ATISHAY KASLIWAL

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EDUCATION

Stony Brook University
Master of Science in Data Science

Stony Brook, NY
August 2024 - May 2026

Symbiosis University of Applied Sciences
Bachelor of Technology in Computer Science And Information Technology

Indore, India
July 2018 - July 2022

TECHNICAL SKILLS

Programming languages:	Java, JavaScript, Python, C/C++, C#, Scala, MATLAB, SQL, R
Technologies and Frameworks:	React, Cloud Technologies, PowerBI, Git, Excel, Google Cloud, DevOps
Data Science:	Data Analytics, Data Visualization, Tensorflow, Keras, PyTorch, NLP
Databases and Cloud Infrastructures:	MySQL, PostgreSQL, MongoDB, AWS, GCP, Azure, Hadoop
Statistics:	Time Series, Bayesian Statistics, Predictive Modeling, A/B Testing

WORK EXPERIENCE

Accolite Digital August 2021 - August 2024
Senior Software Engineer

- Over 4 years of professional experience in the development of various object-oriented and web-based enterprise applications using **Java/J2EE technologies**, working through the complete **system development lifecycle (SDLC)**.
- Systematized and deployed serverless applications using AWS Lambda, integrating and managing **Amazon Web Services (AWS)** services such as S3, DynamoDB, API Gateway, VPC, EC2, IAM, SES, SNS, and CloudFormation.
- Developed **RESTful and GraphQL APIs**, integrating with React components to handle over 50,000 daily requests.
- Engineered a Distributed Ledger Technology (DLT) application using R3 Corda, implementing secure blockchain solutions that improved data integrity by 30%. Integrated with a responsive interface, boosting user interaction by 40%.

Shriffle August 2020 - July 2021
Software Engineer Intern

- Designed and implemented robust **RESTful APIs** using Spring Boot, streamlining backend services and achieving a 40% reduction in development time for new features by leveraging **Spring Boot's auto-configuration**.
- Created a customized **Slack bot** to enhance team efficiency by automating 20+ tasks and providing quick access to information, resulting in a 40% reduction in manual workloads, boosting productivity by 25%.
- Executed test cases using **JUnit** to ensure code quality. Integrated SonarQube for continuous inspection and analysis, leading to a 30% reduction in code defects, maintaining high standards throughout the development lifecycle.

PUBLICATIONS

Analytical Study on India's COVID-19 Reopening Strategies May 2020 - June 2020
International Journal for Research Trends and Innovation / Volume 5, Issue 6 / ISSN: 2456-3315 / IJRTI2006010

- Thoroughly analyzed questionnaire data using **decision trees and logistic regression models**, significantly improving model accuracy by 20% and uncovering critical insights that effectively guided product development.

PROJECTS

Customer Segmentation January 2022 - July 2022

- Implemented a customer segmentation initiative using K-Means clustering to categorize customers based on shared traits, enhancing targeted marketing and engagement strategies.
- Utilized Python (scikit-learn, pandas, matplotlib, Seaborn) for data preparation, data visualisation, analysis, and modeling, delivering actionable insights that drove improved customer retention and business growth.

Financial Fraud Detection March 2021 - June 2021

- Designed a fraud detection system that achieved 93% model accuracy, reduced processing time by 79% using Spark and Airflow, and delivered real-time insights via dashboards.
- Fine-tuned models and used distributed processing to optimize performance, leading to a 40% increase in detection.

Airline Passenger Satisfaction April 2020 - July 2020

- Executed comprehensive feature engineering and data preprocessing, contributing to highly accurate models by improving data quality and handling missing value
- Led the development of predictive models that achieved 96.4% test accuracy, enhancing passenger satisfaction metrics.