

# Ashutosh Das

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## EDUCATION

**Binghamton University, State University of New York, Thomas J. Watson College of Engineering and Applied Science**  
*Master of Science in Information Systems (Applied Data Science track)* *Expected May 2025*

**GPA:** 3.6

**University of Pune, Zeal College of Engineering and Research**

*Bachelor of Engineering in Computer Engineering*

*June 2015 – May 2018*

**Relevant Coursework:** Python & Data Mining, Machine Learning, Computer Vision, Management of Information Systems, Software Project Management, Object Oriented Programming, Data Structures and Algorithms.

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript, C++, C.

**Tools and Frameworks :** Eclipse, Android Studio, Visual Studio Code, Jupyter Notebook, Git, Linux, IntelliJ

**Additional:** Data Analysis, Data Preprocessing, Data Visualization, Machine Learning, NLP, SQL, MS Access, Tableau, Power BI, R, Statistics, MS Excel, Business analytics, Automation (Selenium + Cucumber), CI/CD pipelines (Jenkins), Performance Testing (JMeter & Gatling).

**Certifications:** Advanced Java, JavaScript, Python for Data Science

## PROFESSIONAL EXPERIENCE

**Knorex, QA Automation Engineer** | Pune, India

*February 2021 – August 2023*

- Spearheaded the creation, maintenance, and execution of test scripts for Behavior Driven Development, leveraging Java, Selenium, and Cucumber; obtained a 23% improvement in test coverage and reduced regression issues by 60%.
- Led and coordinated collaborative efforts to troubleshoot and resolve complex issues in production and development, leading to a 25% reduction in bug occurrences and a 15% increase in system performance, ensuring smooth operations and customer satisfaction.
- Utilized JMeter to measure system performance on multi-user platforms, conducting thorough analysis and delivering actionable recommendations; accomplished a 20% reduction in response time and enhanced user experience.

**IBM, Software Tester/Test Automation Specialist** | Mumbai, India

*April 2019 – November 2020*

- Directed cross-functional collaboration between domain experts and developers to define and execute robust test plans successfully for 3 projects concurrently, spurring a 40% increase in product quality and a 20% decrease in post-launch bug reports.
- Optimized defect reporting process, catalyzing a 30% increase in bug identification and resolution efficiency, leading to improved customer satisfaction.
- Implemented robust Automation Environments using Eclipse, Java, Selenium Webdriver, and TestNG to meet application specific demands; reduced manual testing efforts by 60% and accelerated release cycles by 30%.

**Amazon, Customer Service Associate** | Pune, India

*June 2018 – October 2018*

- Investigated products and services to offer detailed and precise responses to customer inquiries, leading to a 20% decrease in support ticket volume and ameliorated resolution time by 15%.
- Drove exceptional customer care outcomes by ensuring complete customer satisfaction through effective communication practices, resulting in being recognized as a top performer 6 times and earning a place in the esteemed Top 100 Club for August 2018.

## PROJECT EXPERIENCE

**Blockchain Adoption, Research Project,** Binghamton University

*November 2023 – December 2023*

- Completed a comprehensive research endeavor analyzing the factors influencing the adoption of blockchain technology in the US, collecting data from 100+ IT professionals across 11 domains and utilizing quantitative analysis to derive actionable insights, facilitating informed decision-making.

**HealthMate, Final Project,** Binghamton University

*September 2023 – October 2023*

- Engineered a machine learning-based fitness prediction app using a Gradient Boosting Classifier model and Python Django framework.
- Analyzed user input data on step count, mood, calories burned, hours of sleep, and weight, achieving accurate predictions and fostering a 25% increase in user adherence to fitness goals.

## LEADERSHIP EXPERIENCE

**Team Lead, Knorex**

*November 2021 – August 2023*

- Streamlined feature tracking for 200+ features in the Software Development Lifecycle.
- Executed 500+ regression scripts, delivering HTML reports in each sprint cycle.
- Managed junior automation tester interviews for 12 candidates.