

## Kesha Dharmesh Shah

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### OBJECTIVE:

Motivated postgraduate student in Applied AI Solutions and Development seeking a co-op or entry-level opportunity in analytics, data, or technology-related roles. Bringing a strong foundation in Python, data analysis, cloud computing, and software testing, with hands-on academic and professional experience supporting data-driven decision-making, system quality and automation.

### HIGHLIGHTS OF QUALIFICATIONS:

- Experienced in testing and validating cloud-based web applications, particularly within banking and financial domains, ensuring high data accuracy and system security.
- Proficient in cloud environments including AWS, Azure, and GCP, with hands-on experience deploying and integrating AI-based solutions.
- Applied machine learning algorithms to real-world datasets using Python, improving testing efficiency and data-driven decision-making.
- Familiar with Hadoop ecosystem tools for distributed data processing and analytics.
- Strong analytical and troubleshooting skills with a focus on data integrity, scalability, and automation.
- Skilled in network testing, data manipulation, and information security protocols to ensure system reliability and compliance.
- Demonstrated ability to collaborate in agile development teams, contributing to faster testing cycles and higher product quality.

### TECHNICAL SKILLS:

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|--|-----------------------------------|
| • Cloud Platforms (AWS, Azure, GCP)                      | • Hadoop                          |
| • Web Application Testing                                | • Information Security Protocols  |
| • Data Manipulation                                      | • Project management              |
| • Python (Data Analysis, Machine Learning, Web Scraping) | • Network Development and Testing |
| • Data Quality Assurance                                 |                                   |

### EDUCATION:

**Applied AI Solutions and Development, Postgraduate Certificate (Pursing) August 2026**

**George Brown College, Toronto, Ontario**

- Focused on AI development, machine learning applications, and cloud integration.

**Cloud Computing, Postgraduate Certificate Completed****August 2025****Humber College**, Toronto, Ontario

- Covered cloud-based testing methodologies, security standards, data handling, and Hadoop fundamentals.

**Computer Engineering, Bachelors****June 2024****Neotech Institute of Technology**, Gujarat, India

- Emphasis on software development, systems testing, and network fundamentals.

**Computer Engineering, Diploma****September 2020****Neotech Institute of Technology**, Gujarat, India

- Core studies in computer engineering, including programming and basic testing principles.

**PROFESSIONAL EXPERIENCE:****Software Tester****September 2020 to October 2021****Shree Drashti Infotech LLP**, Vadodara, Gujarat, India

- Tested and validated cloud-based banking applications, improving data reliability and security compliance across multiple projects.
- Designed and executed data-driven test cases, which reduced post-deployment defects.
- Enhanced data manipulation and validation processes, leading to faster test cycle completion and higher test accuracy.
- Implemented Python-based scripts to automate repetitive testing tasks, increasing overall team efficiency.
- Collaborated with development teams to identify root causes of performance issues and ensure quality releases under tight deadlines.