



# Nandini Bhatt, MEng. QA

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## Experience

Jun 2018 – Jun 2020 **Junior Software Tester**, Bhaktee Software Pvt. Ltd. (Rajkot), India

1. Debugging using Java and Python • Black box/white-box testing and test planning using Selenium • API testing using Postman • reporting and tracking the errors in JIRA • Coding in HTML/CSS/JS and SQL by applying software development best practices.
2. Leveraged AWS (CloudFormation, EKS) services and Docker • Participated in R&D • Created CI/CD pipelines • Performed test-driven development • Used special methods for testing (TDD and BDD).
3. Achieved a 20% reduction in bugs by streamlining the testing process. Improved code performance by up to 30% by identifying and resolving critical issues.

Jul 2020 – Dec 2020 **Software Developer Intern**, Hitech Transpower (Rajkot), India

1. Coded ML models (Python) • Front-end development (JS) • Back-end development (Python) • Database Management using SQL.
2. Optimized the front-end's code to reduce the response time by 10% and DB query execution time by 5%.

Jan 2021 – Mar 2022 **Software Developer**, Qtonz Infosoft (Rajkot), India

1. Android application development (Java) • Cross-functional team collaboration with tools like Jira and Azure DevOps.
2. Fostered collaboration among team members to adapt to changing requirements and efficiently deliver high-quality results • Implemented REST APIs and applied SOLID principles.
3. Reduced development time by 25% by using agile methodologies and efficient project management techniques • Received positive feedback from clients for delivering 3 high-quality applications before project deadlines.

Oct 2022 – Apr 2023 **Service Assistant**, Concordia University (Montreal), Canada

1. Demonstrated proficiency in administrative tasks (data entry, file management, and document preparation) • Executed operations efficiently within the department. • Improved data management system resulting in a reduction in data entry errors.

May 2022 – Aug 2023 **Junior Internal Auditor**, Concordia University (Montreal), Canada

1. Identified and managed risks for the company • Created audit plans to validate the expenses • Collected and analyzed data to find issues, and communicated findings to company leaders all while aiming for accuracy.
2. Designed four new audit procedures that enhanced the efficiency and effectiveness of the audit process.

## Education

May 2022 – Dec 2023 **Masters In Quality Systems Engineering, Concordia University, Montreal**

CGPA: 3.65/4.00

May 2017 – May 2020 **Bachelor of Computer Engineering, Gujarat Technical University**

CGPA: 8.15/10.00

## Skills

Languages	Powerful oral and written competence in English (C2) and French (B2)
Programming Languages	C • C++ • C# • Java • Python • Go • $\LaTeX$
DB Query Languages	SQL • NoSQL • PostgreSQL • MySQL • ETL
Web technologies	PHP • HTML/CSS/JS • NodeJS • SpringBoot
Cloud technologies	Azure DevOps • Azure Kubernetes Service (AKS)
Tools	Selenium • Scrum • Jira • Agile • TestRail • Postman • Cucumber • VCS • Maven

## Certifications

- 2024 **Certified Tester Foundation Level**. Awarded by [International Software Testing Qualifications Board](#)
- 2023 **Lean Six Sigma Black Belt**. Awarded by [Six Sigma Academy Amsterdam](#)
- 2022 **Lean Management and Manufacturing in Lean Six Sigma**. Awarded by [Six Sigma Academy Amsterdam](#)
- 2021 **Data analysis with Python**. Awarded by [IBM](#)

## Projects

- TESTynamo: An automated end-to-end CI/CD integrated GAN-powered unit test generator**

## Research Publications

- 1 S. Jadeja, N. J. Bhatt, and R. Vaghela, "A modern tech-driven approach to prognosis powered by realtime health care record updates from the patients," *International journal of health sciences*, vol. 6, no. S9, pp. 3836–3847, Oct. 2022. [URL: https://sciencescholar.us/journal/index.php/ijhs/article/view/13487](https://sciencescholar.us/journal/index.php/ijhs/article/view/13487).