

Ritesh Dhakal

SOFTWARE QUALITY TEST ENGINEER

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📍 Kathmandu, Nepal

EDUCATION

Bachelor of Science in Computer Science and Information Technology (2017-2022)

Tribhuvan University, Nepal

- Graduated with 77.6% aggregate (First Division)
- Relevant coursework: Software Engineering, Web Technologies, Database Systems, Computer Networks, Artificial Intelligence

High School (2015-2017)

National Institute of Science and Technology

School (2011-2015)

Holy Garden Boarding High School

School (2005-2011)

Brihaspati Vidya Sadan (BVS)

PERSONAL PROJECTS

Responsive Portfolio Website (2025)

- Developed and deployed a fully responsive personal portfolio website using HTML, CSS, and JavaScript.
 - Implemented clean, minimalistic design optimized for different screen sizes.
 - Utilized Git for version control and deployment to GitHub Pages.

Steganography (06/2021 - 02/2022)

- BSc.CSIT project hiding data in images, audio, and video.

Web Development (04/2022)

- Replicated the existing website, datamentor.io, by implementing the design (Slicing) as a part of the internship program.

Tetris Game (05/2022)

- Developed a Tetris game using Vanilla JavaScript and Socket.io.
- Multiplayer Game.

TECHNICAL SKILLS

• Programming & Scripting

- Java, Python, HTML & CSS, JavaScript, SQL

• Testing Tools

- Selenium with TestNG, Katalon Studio, Postman, Swagger, Zephyr Scale

• Collaboration Tools

- GIT, JIRA, Confluence, Microsoft Office
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WORK EXPERIENCE

Software Quality Test Engineer (Mid-Level) (*Internally: Software Development Test Engineering – Experienced Professional*)

Hitachi Energy

August, 2025- Present

- Promoted from Associate role after consistent delivery of high-quality testing and automation.
- Develop and maintain automated test suites using Java Selenium and TestNG, integrating with GitHub and CI/CD pipelines to ensure scalable, reliable, and continuous testing.
- Lead test planning, execution, and reporting for enterprise-level Energy Trading and Risk Management (ETRM) systems.
- Translate business requirements into detailed functional, performance, and security test cases.
- Manage defect tracking and reporting using JIRA, collaborating with developers and product managers for quick resolution.
- Prepare and maintain comprehensive documentation (test plans, QA sign-off reports) for stakeholders.
- Represent QA perspectives in Agile/Scrum ceremonies and contribute to sprint planning and prioritization.

Associate Software Quality Test Engineer

Hitachi Energy

November, 2022- July, 2025

- Led software QA activities, ensuring thorough testing, process improvements, and streamlined workflows.
- Continuous involvement in test case preparation and execution in JIRA.
- Assisted as a Scrum Master in sprint planning, backlog grooming, and daily stand-ups.
- Supervised a team of trainees, enhancing their skills in software testing techniques required for TRMTracker.
- Created and maintained complete documentation of interfaces to capture essential information and provide clear guidelines.
- Involved in Regression Testing and stabilizing the Regression module of TRMTracker.
- Performed client-specific testing during each release.
- Performed API Testing using Postman, Swagger.
- Developed and executed automation scripts for web applications.
- Used Selenium with TestNG for smoke, sanity testing and regression testing.
- Acquired proficiency in using Katalon Studio's record and play functionality for test case automation.

Software Quality Test Engineer Trainee

Hitachi Energy

September, 2022- October, 2022

- Developed practical knowledge in software testing and created detailed test cases for TRMTracker.
- Participated in Scrum meetings, sprint planning, and retrospectives to understand agile development processes.
- Conducted both manual and automated testing to ensure product quality, identifying and reporting defects.
- Contributed to testing strategies, worked on detailed test plans, and recorded test cases, results, and defects.

Quality Assurance Intern

Parewa Labs Pvt. Ltd.

April, 2022 – July, 2022

- Learned basics of web development.
- Performed Manual BDD Testing including Feature Files in programiz.pro.
- Performed Design Audit on programiz.pro 2-days Sale.
- Automated the existing site, programiz.com, using Python Selenium.
- Worked in a Scrum Team using JIRA.

Data Entry Clerk

CloudFactory

November, 2018 – February, 2021

- Entered various types of data's into databases with speed and accuracy.
 - Developed interpersonal skills to operate in a diverse team.
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CERTIFICATIONS

ISTQB Foundation Level (CTFL)

(Fundamentals, Process Fundamentals, Black-box & White-box Testing Techniques, Testing & the Software Development Life Cycle, Test Types & Maintenance Testing, Static Testing, Testing Techniques, Test Management, Test Monitoring & Control, Risk & Defect Management, Test Tool Support)

Skillsoft, June 2023

Big Data Concepts (Getting to know Big Data, Big Data Essentials)

Skillsoft, April 2023

Programming Foundations: Software Testing/QA

LinkedIn, March 2022

Agile Testing

LinkedIn, March 2022

Strategic Thinking

LinkedIn, April 2022

LANGUAGES

- English - Fluent (IELTS 7.0 Overall)
 - Nepali - Native
 - Hindi - Conversational
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AWARDS/ACTIVITIES

- Best Employee - Hitachi Energy (Gift Voucher Recognition, 2x)
 - Represented QA Team at LOCUS 2024 (National Tech Event)
 - Prime IT Club - General Member
 - Organizing Committee Member, Hitachi Energy (Office Events & Activities)
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