

Binay Manandhar

Quality Assurance Engineer | Experienced in QA & Development

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 binay-manandhar-a1a5b9189  BinayMdr

Software professional with experience in software development and quality assurance. Proficient in manual and automated testing, API testing, and performance testing. Skilled in tools like Selenium, Postman. Strong understanding of test case design, bug tracking, and Agile methodologies, with hands-on experience in backend development.

EXPERIENCE

SOFTWARE ENGINEER II (Quality Assurance Engineer)

Infinite Software Services Nepal Pvt. Ltd (formerly Cotiviti Nepal)

Dec, 2022 - Present

- Developed and executed manual and automated test cases based on feature acceptance criteria.
- Designed, developed and executed tests to identify defects in software products.
- Generated bug tracking documentation.
- Designed and developed automation scripts for testing purposes.
- Conducted risk analysis to prioritize testing efforts and focus on critical areas of the software.
- Participated in meetings to prioritize and address identified bugs efficiently.
- Provided comprehensive test coverage by conducting both functional and non-functional testing.
- Utilized SQL queries for ensuring that the software accurately stores, retrieves and manipulates data as expected

SOFTWARE ENGINEER

Amnil Technologies Pvt. Ltd.

Sep, 2021 - Dec, 2022

- Designed database and maintained consistent database documentation.
- Lead the development team in various projects.
- Assisted developers and engineers in resolving key issues.
- Collaborated with teams to deliver advancements and solutions.
- Mentored and led junior developers.

Web Developer

Tech101 Pvt. Ltd.

Sep, 2020 - Sep, 2021

- Provided optimal project support development teams.
- Identified opportunities for product optimization.
- Build and maintain web applications.
- Participated in software design discussions.
- Effectively managed individual priorities and deadlines.

- Improved software and delivered under tight time constraints.
- Debugged code and located root causes of problems by reviewing past products.

EDUCATION

MASTER OF BUSINESS ADMINISTRATION

Phoenix College of Management (2022-2024)

Graduated with first division

BACHELOR OF INFORMATION MANAGEMENT

College of Applied Business (2016-2021)

Graduated with first division

HIGHER SECONDARY EDUCATION BOARD / +2 LEVEL

National College of Computer Studies (2014-2016)

Graduated with distinction

PROJECTS

Kathmandu Food

- Used the Laravel framework to create a web application's backend resources.
- Worked alongside the mobile developers to develop RESTful APIs.
- Tested the APIs using Postman and confirmed the necessary outcome.
- Tested project performance with Jmeter.

Arko Phone

- Analyzed the client changes that were addressed.
- Designed the project's upgraded database.
- Updated frontend logic in Vue JS and backend logic on Laravel.
- Tested project performance with Jmeter.
- Used Selenium with Python for end-to-end testing.

Bee Solution

- Lead and support the development team.
- Designed a database prototype for review and correction.
- Implemented numerous APIs from external sources.

Training Management System

- Lead and support the development team.
- Designed database architecture along with other backend developers.

- Plan and execute the backend flow of the project.
- Included RabbitMQ into the project for sending mails.
- Possess familiarity with Jenkins and Portainer.
- Developed API swagger documentation.
- Tested the APIs using Postman and confirmed the necessary outcome.

Monthly File Transfer Program (Risk Adjustment)

- Created a comprehensive test plan and test cases for the application.
- Collaborated with the Product Owner and cross-functional teams to validate requirements, ensuring a thorough understanding of project goals.
- Conducted APIs testing utilizing Postman.
- Executed rigorous applications testing across diverse environments.

Image Delivery Service

- Created a comprehensive test plan and test cases for the application.
- Collaborated with the Product Owner and cross-functional teams to validate requirements, ensuring a thorough understanding of project goals.
- Collaborated with databases to validate modifications, ensuring accuracy and integrity following the execution of processes.
- Conducted APIs testing utilizing Postman.
- Perform basic load testing running Playwright tests in parallel .
- Executed rigorous applications testing across diverse environments.

Other Projects

- OKTA Integration in different applications

Certifications & Workshops

Cyber Security and Ethical Hacking Workshop

2019

SKILLS

Programming Skill

PHP, JavaScript, jQuery, SQL

Framework

Laravel, Livewire

API Testing

Postman

Library

React

Tools

Git

API Documentation

Swagger

Performance Testing

Jmeter

UI Testing

Selenium with Java,
Playwright with JavaScript

LANGUAGE

Nepali, English

Note: Reference available on request