

# Sumina Khadka

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QA Engineer with 3 years of experience in testing Client/Server and Web/Mobile applications. Skilled in test planning, manual and automated testing, API testing, and defect reporting for finance, e-commerce, and planning domains. My strong understanding of complex projects, coupled with excellent management skills, ensures the delivery of high-quality results.

## PROFESSIONAL EXPERIENCE

Junior Quality Assurance Engineer | Code Himalaya | Lalitpur, Nepal

05/2024-Present

- Collaborate with client, designers and developers to create detailed test plans, scenarios, and cases.
- Conduct API testing using Swagger or Postman, verifying status code, security and functional requirements.
- Reduced defect rate by 20% through rigorous APK testing and web testing.
- Prepared bug-report and user documentation for the project.
- Automated various project using cypress for achieving 30% reduction in testing time.
- Conduct Load testing using J-meter to simulate high user traffic and ensure stability under stress.

Associate Quality Assurance Engineer | DARSETECH.PVT.LTD | Kathmandu, Nepal

11/2022 – 04/2024

- Acted as the main QA resource for Darsetech company.
- Prepared test documentation (test plan, test cases, test data) for robust testing.
- Performed smoke, sanity, and regression testing for web-based projects.
- Verified serverless log implemented in AWS to reduce issue.
- Implemented automation testing using Puppeteer.

EXTERNAL Quality Assurance Engineer (Freelance) | AVOCADO TECHNOLOGY | Lalitpur, Nepal

10/2022 – 02/2024

- Conducted meeting with client and project manager to handle the queries and requirements of the client
- Performed cross-browser web and apk testing using BrowserStack .
- Performed functional and non-functional testing.
- Created tasks for the developer from the Figma design.
- Prepared application features workflow documentation using Scribe and added to the confluence for client understanding of the module.

## EDUCATION

Bachelor Degree in Computer Science and Information Technology (BSc. CSIT)

Tribhuvan University | Kathmandu, Nepal | Graduation Date: 2022

## SKILLS

Language Skill: HTML | CSS | JS | PHP | ReactJs

QA Skills: Software Testing Life Cycle | Manual Testing | UI Testing | Mobile Application Testing | Web Application Testing | API Testing | Requirement Analysis | Test Plans & Test Cases | Functional and Non-Functional Testing | End-to-end testing | Performance Testing | User acceptance testing | Automation Testing | Bug and Defect Reporting

Testing Tools: Selenium | Cypress | Puppeteer | JMeter

Project Management: Trello | Jira | GitHub project Management Tool

Tools and Technology: Code Studio | Git & GitHub | Postman | Mongo DB | Swagger | Figma | MS Office **Soft**

Skills: Include communication, teamwork, problem-solving, and other interpersonal skills.

## CERTIFICATION

Responsive Design Web Developer Certification- Free Code Camp, April 2024

## PROJECTS

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### QA Projects:

#### **Title: SIP SATHI (Code Himalaya)**

##### **Project Description:**

A fintech application designed for comprehensive management of Systematic Investment Plans (SIPs). It includes three user-based platforms: a mobile app for end users, a capital portal for handling user investments, and an admin portal for managing capital and mutual funds.

##### **Technology Used:**

Flutter, JAVA, MongoDB, React JS

##### **Responsibilities:**

- Prepared test report-test plan, test scenarios, test cases.
- Performed manual testing of web and mobile application.
- Performed functional, non-functional, UI testing.
- Prepared bug report.
- Performed retesting and regression testing
- Collaborated with the team in daily scrum meetings.
- Prepared user manual report, calculation report to ensure user acceptance testing
- Performed load testing.

#### **Title: Neo-Remit (Code Himalaya)**

##### **Project Description:**

A fin tech application where user can send and receive money from any part of the country.

##### **Technology Used:**

Flutter, JAVA, MongoDB, React JS

##### **Responsibilities:**

- Prepared test report-test plan, test scenarios, test cases.
- Performed manual testing of web and mobile application.
- Performed Api testing
- Prepared bug report using Jira.
- Performed retesting and regression testing
- Prepared calculation report to verify calculations.
- Collaborated with the team in daily scrum meetings.

#### **Title: US-Aid (Code Himalaya)**

##### **Project Description:**

MIS system for the US-Aid company.

##### **Technology Used:**

Flutter, Dotnet

##### **Responsibilities:**

- Prepared test report-test plan, test scenarios, test cases.
- Collaborated with the team in daily scrum meetings.
- Performed manual testing of web and mobile application.
- Performed automation testing using Cypress.
- Prepared bug report.
- Performed retesting and regression testing
- Prepared user manual report for client.
- Participated in client meetings to understand requirements and provide the demo of sprint plan.

#### **Title: Video KYC (Code Himalaya)**

##### **Project Description:**

A part of KYC system for setting up KYC of user directly using videos.

##### **Technology Used:**

Python, ReactJS.

##### **Responsibilities:**

- Prepared test report-test plan, test scenarios, test cases.
- Collaborated with the team in daily scrum meetings.
- Performed manual testing of web application.
- Prepared bug report in Trello.
- Performed retesting and regression testing

#### **Title: Authentic Security Development (Code Himalaya)**

##### **Project Description:**

Task management system for handling security-based jobs

##### **Technology Used:**

Flutter, React JS, Python

**Responsibilities:**

- Prepared test report-test plan, test scenarios, test cases.
- Collaborated with the team in daily scrum meetings.
- Performed manual testing of web and APK application.
- Performed API testing.
- Prepared bug report in Jira.
- Performed retesting and regression testing.
- Prepared user manual report
- Perform load testing.

**Title: ShopyFlow (Darse Tech)**

**Project Description:**

E-commerce based project.

**Technology Used:**

React JS, Node JS, AWS

**Responsibilities:**

- Prepared test report-test plan, test scenarios, test cases.
- Collaborated with the team in daily scrum meetings.
- Performed manual testing of web application.
- Performed API testing.
- Prepared bug report in Git.
- Performed retesting and regression testing.
- Prepared user manual report
- Verify server logs
- Performed automation testing using puppeteer.

**Title: Muktinath Krishi Company Limited (Avocado Technology)**

**Project Description:** A dynamic system designed to manage information for Muktinath Company. It includes a user-based application tailored primarily for agriculture users, featuring e-commerce functionality. The admin portal enables site and app management, allowing content updates such as image uploads, ensuring a fully dynamic experience.

**Technology Used:**

Flutter, Laravel, HTML, CSS, JS

**Responsibilities:**

- Prepared test report-test plan, test scenarios, test cases.
- Collaborated with the team in daily scrum meetings.
- Performed manual testing of web application.
- Performed API testing.
- Prepared bug report in Git.
- Performed retesting and regression testing
- Prepared user manual report.

**Other Projects:**

**Garbage Collection System**

- Build a full stack web-based application on Garbage Collection System during the final year project
- Language used-HTML, CSS, Bootstrap, JS, PHP, MySQL. | Algorithm Used-Brute-Force.

Link <https://github.com/sumeina/Garbage-Collection-System/tree/master>

**Result- Management System**

- Built an application with CRUD operation for a Result- Management System using Dot-Net
- Language used- Html, CSS, ASP.NET

Link <https://github.com/sumeina/Result-Management-System/tree/master/Resultms>

**E-commerce application**

- Built a front-end web application for the e-commerce-based project
- Language used: HTML, CSS, Bootstrap, and JS.
- Feature Module: Registration, Categories, Product Page-Featured product, Add to cart, Checkout page

Link <https://github.com/sumeina/e-commerce/tree/master>

**Stray Animal Management-Front-end web application**

- Build a front-end application for the Asian Hackathon Program on Stray Animal Management System. •  
Language used: HTML, CSS, Bootstrap, and JS
- Awarded with best idea project

Link [https://github.com/sumeina/asian\\_hack01](https://github.com/sumeina/asian_hack01)