

Deeksha

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PROFESSIONAL SUMMARY

- **Automation Test Engineer** with around 2 years of experience in performing both Manual and Automation testing.
- Quality Assurance software testing experience in a variety of domains such as Insurance, Banking, Telecommunication and Retail to perform both Manual and automated tests with tools such as **Selenium WebDriver / Grid, TestNG**, Maven, Jenkins and used bug tracking tools **JIRA/ALM** and TestRail.
- Experience of various methodologies of Software Development Life Cycle (SDLC) including Waterfall and agile methodologies.
- Successfully analysis of business requirements documents and functional requirement documents, implemented test planning & test strategies efforts for large systems in both GUI, including systems integration tests, specialized tests, and user acceptance criteria testing.
- Developed comprehensive test plan, test scripts & test case, executing these against various components and working with project leads and team members throughout analysis, design, development, implementation, and ongoing collaboration support phases of technical software application.
- Extensive experience in automation testing using **Selenium** with **Java** with a track record of designing and implementing effective automation frameworks and scripts.
- Experience with mobile application/mobile technologies testing on iOS & Android platforms.
- Expertise with source version control **Git/GitHub** to maintain source code.
- Excellent analysis, problem solving skill, and decision-making skills, as well as organizational skills, creativity, strong communication skills and detail oriented skills for quality system.
- Excellent analytical skills, problem-solving, interpersonal skills, multitask, teamwork, work collaboratively, leadership skills and a commitment to providing the highest quality service in fast-paced environment and project management.

KEY SKILLS

- Analysis & Time management
- Test strategy & Test planning
- Requirement Analysis
- Database Management
- Project management tools
- Communication & collaborative
- Oral and Written communication
- Problem solving skills
- Attention to Detail
- Critical and Analytical Thinking
- Self-Management
- Interpersonal & organizational skills

TECHNICAL SKILLS

- Java, SQL, PHP, React
- Oracle, MySQL
- Selenium, TestNG, Cucumber
- Eclipse
- GitHub/Git
- Jenkins, Maven.
- Postman, Rest-Assured
- JIRA, HP Quality Center/ALM

**QA Automation Test Engineer
Bank of Montreal Toronto, Canada**

Sept 2022 to Present

- Worked on the mortgage application. Build applications like "Rent or Buy Calculator" for First time home buyers and "Mortgage Payment Calculator"
- Proficient in developing and maintaining test data, scope for a product, Proven ability to execute test case and Test scenario for a project. bug tracking tools Used such as **JIRA** and TestRail to generate Defect Reports & user experience documentation.
- Perform unit test, system integration test, load testing, performance testing, reliability test, usability, and functional testing in all phases of the Systems Development Life Cycle (SDLC) & software Testing life cycle (**STLC**) for agile methodologies.
- Working with object-oriented Java language to analysis, test development and developing test scripts for both UX/UI and **API** testing, to generate test automation scripts.
- Experience with automation tools Selenium Grid to execute test scripts in parallel across different platforms and browsers Testing, execution using TestNG Framework (**TDD**).
- Writing & troubleshooting automated tests scripts using **TestNG** test driven development frameworks & Cucumber (**BDD**) Using Selenium with **Java** in maven Software Project.
- Proficient in using Robot Framework with **Python** to design and implement effective automation test suites for functional testing, database testing, and GUI testing in Pytest.
- Build a Page Object Model (POM), TestNG automation solutions framework using interface in Selenium with Java supporting web and mobile applications in IntelliJ IDE/Eclipse.
- Working on risk management tool Jenkins implementation continuous improvement (**CI/CD**) for the regular execution of test scripts on Selenium Grid for several platforms.
- Integrate coding Jenkins with version controller **GITHUB/GIT** and schedule builds to run automatically during a build release by using predefined Maven commands.
- Write codes in RESTAPI testing using Rest-Assured framework and Postman to test cases, validation responses, and extract data using Rest-Assured. Perform various HTTP methods (GET, POST, PUT, and DELETE).
- Performed RESTAPI testing by **Soap UI** using POSTMAN and **SOAPUI** validation Response.
- Proficient in SQL programming using Oracle & MYSQL, including ability to write complex SQL queries, for back end as well as End-to-End testing for Database.
- Writing complex SQL queries, functions and stored procedures Proficient in Linux system, installation, configuration, and maintenance of Infrastructure Linux/Unix servers.

**McGill University – Montreal, Canada
Software Developer**

February 2021 – August 2021

- Involved in creating unit tests and modules for an android application using **Java** and **Kotlin**.
- Fixing the web application setup for tracking Glucose levels on **Heroku** and establishing the connection to **MongoDB** atlas and adding more features to web application developed in **React.js**.
- Created modules of a web application for the use of researchers with front-end in **Vue.js** and back-end linking to **Firebase** involving creating forms, card views, lists, fetching, inserting and displaying data from the database to track the activities of patients and physicians.

**Fikar-E-Hondh(NGO)
Learning application
Android Developer**

January 2019 – July 2019

- Application developed for kids needs to enhance their learning and cognitive ability.
- Extensive and interactive UI using **XML** with colors and graphics pertaining to young minds
- Different levels provided for different levels of learning.
- Involves small games like puzzles and matching.
- Backend for the application which involved creating functionalities and connections developed in java.

React, Java And C++

React, Node.js, MySQL | Playlist Website

<https://github.com/deekshadeeksha/DiscogAPI.git>

- Web Application developed for music playlist creation, where user can search for a song and add it to the playlist and modify that playlist.
- Node used to handle API services, and in the project for music disco API was used.
- REST used on the server side to connect clients with the server with HTTP standard methods.
- React used to create interactive UI displaying the music gathered from API and also from the database.
- Part of a three-programmer team where my part involved REST, node and database handling.

React, HTML, CSS | Weather Application

<https://github.com/deekshadeeksha/WeatherApplication>

- Application developed to monitor and see weather.
- Provides full information of the current weather and for the next five days using two different APIs.
- Fetched weather information through JSON using API and displaying with user friendly UI.
- Developed front-end with react and structured back-end by connecting to API.

Java, SQL | E – Commerce Web Application

- Shopping web application was created using various libraries of Java like Swing, Awt and Hibernate
- Has connection to MySQL database.
- Contains three basic divisions – user, admin and seller.
- The various elements displayed are picked directly from database making it dynamic with editing rights to admin.
- The data collected about purchase, sales, inventory, user and seller record kept and stored in database and can be edited as necessary from the front end.
- Part of a three-programmer team, where my part involved handling user and admin divisions.

Java, Spring | Banking Management System

<https://github.com/deekshadeeksha/BattleshipGame.git>

- Banking system equipped with functionalities of creating, removing and showing the account, withdrawing, depositing money along with displaying the various account information.
- Use of conditional statements, looping statements, objects, functions and arrays to handle the data and information of client details.
- Validation used to ensure correct amount and details are entered by the user.

Java, Spring | Battleship Game Application

- 2D platform game created using Swing library.
- Dynamic menu lets the user choose its opponent either a human or computer.
- Separation of concerns using MVC software design pattern.
- UI that lets users interact with buttons and play games resulting in loss or win.
- Ships are randomly relocated at the beginning of each game.

Java, HTML, CSS | Book E – Shop

<https://github.com/deekshadeeksha/BookShop.git>

- Web Application for selling books online and searching for books in the google libraries.
- Designed using HTML, CSS and JavaScript.
- Back end designed using various Java libraries and MySQL database used for storage and with MVC software design pattern.
- Google API used to create a library feature for user to search books and add them to database.

C++ | Paddle Game

- Two player game where users move paddle up and down using arrow keys and prevent the ball from hitting the wall.
- Separation of concerns with separate classes for ball, paddle, ball and player with respective header files for each.
- Use of utility libraries for coordinates, positioning, and direction of various elements on the screen.

HTML, CSS | Health Lifestyle Website Design

<https://github.com/deekshadeeksha/HealthTaste.git>

- A website designed focusing on healthy lifestyle and keto diet
- Design involved the use of both CSS and SASS. Varied features of CSS like selectors, flex-box, animation, layouts, graphic effects used to create four- page website.

EDUCATIONAL QUALIFICATION

Post Graduate Diploma:

Programming and Internet Technologies

Sep 2019- Sep 2021

Institut Supérieur d'Informatique

Montreal, Canada

Bachelor Degree:

Bachelor of Computer Science and Engineering

July 2014 – May 2018

Guru Nanak Dev University,

Jalandhar, India
