

Fatima Khan

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EDUCATION

UNIVERSITY OF CENTRAL PUNJAB

July 2019-July 2023

Bachelor of Science (Computer Science)

PROFESSIONAL EXPERIENCE

ML Bench

QA Engineer

June 2024 - Present

- Reviewing requirements specification and technical design documents to provide timely and meaningful feedback on mobile applications.
- Creating detailed, comprehensive, and well-structured test plans and test cases.
- Executing **functional testing** to verify that the software functions according to the specified requirements.
- Conducting **regression testing** to ensure that new changes or bug fixes do not adversely affect existing functionality.
- Utilizing **user acceptance testing (UAT)** to validate that the application meets end-user needs and requirements.
- Engaging in **exploratory testing** to uncover issues not covered by formal test cases.
- Identifying, recording, documenting thoroughly, and tracking bugs using **Jira** and **Freedcamp**.
- Working in sprints following the **Agile** methodology, participating in sprint planning, daily stand-ups, and sprint retrospectives.
- Prioritizing test cases to ensure the highest risk and most important test cases are executed first.
- Leading a team of developers and collaborating with other teams to deliver projects on time.

Omnivex Corporation

Junior QA Engineer

December 2023 - February 2024

- Conducted detailed **manual** and **automated** web testing to ensure software functionality and usability, delivering high-quality assurance.
- Developed and executed comprehensive manual and automated test cases using **Java**, **Selenium** and **TestNG** annotations, ensuring thorough coverage of software features.
- Used **Azure Boards** for defect tracking and sprint management, and **Azure Test Plans** for test case management and tracking.
- Collaborated with the development team to identify and document software defects, contributing to continuous improvement.
- Regularly updated and maintained manual and automated test cases in documentation repositories for future reference, using **Git** for version control.
- Worked in sprints following the **Agile (Scrum)** methodology, participating in sprint planning, daily stand-ups, and sprint retrospectives.

Intern

July 2022 - October 2022

- Performed testing to improve software functionality and usability by running test automation using **Java**, **TestNG** annotation and **Selenium WebDriver**, monitoring, identifying, and evaluating software development performance.
- Regularly updated code in **Git** to preserve code, enact quality changes, and document overall test strategy for every program in **Java**.
- Used **Microsoft Azure** cloud services to host and deploy test automation frameworks.
- Used **Git** for version control and collaboration on test automation scripts.

PentaLoop

August 2023 - October 2023

iOS Developer (co-op)

- Collaborated with the development team to build and enhance iOS applications using Swift, Xcode, UI Kit, Core Data, RESTful API integration, Auto Layout, and Storyboards.
- Worked with a team of engineers to design, implement, and test new features
Wrote clean, maintainable, and efficient Swift code to implement new features and bug fixes.
- Integrated Core Data for local data storage and retrieval.
- Communicated with RESTful APIs to fetch and update data.

- Debugged and troubleshooted issues within the app.
- Participated in code reviews and learned from senior developers.

FINAL YEAR PROJECT

- I created a tourist guide application using Dart, Flutter, and Firebase. The application provides information about popular tourist destinations, including their history, and attractions. Users can also search for destinations and share their experiences with others.
- I gained experience with user interface design, software development, and API integration. I also developed my problem-solving and debugging skills and improved my ability to work independently and as part of a team.

SKILLS

Programming Languages: Java, C++, C, Html, JavaScript, Dart, Swift

Tools: MySQL Workbench, Visual Studio, Unity, Android Studio, IntelliJ, Flutter, Xcode

DBMS: MySQL, Firebase, Core Data

APIs: Weather API, Map API

OS: Windows, Ubuntu

Version Controls: Git

Languages: Fluent in English and Urdu

PROJECTS

- **Introduction to Computing:** Student Enrollment Portal
- **Programming Fundamentals:** Phone Book
- **Object Oriented Programming:** Text Processor
- **Web App Development:** Doctor Portal
- **Introduction to Database System:** Grocery Wholesale Management System
- **Data Structures and Algorithms:** Red-Black Tree
- **Game Development:** Pac-Man
- **Introduction to Software Engineering:** Online Shopping Mart

EXTRA-CURRICULAR ACTIVITIES

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| • Member at UCP ACM Student Chapter | Nov 2019-Nov 2023 |
| • Member of UCP IEEE Student Chapter | Nov 2019-Nov 2023 |
| • Member of UCP ISS | Nov 2019-Nov 2020 |