Fatemeh (Rose) Kooshki

Software Tester and Developer

Address: Burlington, ON, L7N3L9, Phone:647-446-2949, Email Address: fatemeh.kooshki@mohawkcollege.ca

LinkedIn

Highlights of Qualifications

Highly Motivated and enthusiastic tech-savvy Software Development student 3 years with hands-on experience in Java programming, data analysis, and software testing. Knowledgeable in software testing and quality assurance, assisting in identifying, reporting, resolving and documenting defects to improve software reliability. Experienced in writing, modifying, and optimizing Java code to enhance application functionality and performance. Skilled in analyzing and processing data to identify patterns, improve system efficiency, and support data-driven decision-making. Great in updating technical documentation such as manual, procedure, and verifying a software meet requirements and functions properly before deployment. Enthusiastic about collaborating with cross-functional teams, contributing to ongoing projects,

 Detail-oriented and proactive in ensuring software reliability and performance across multiple environments. Knowledgeable with Java, JavaScript. C#, SQL, PHP, and HTML. Trainee in Software Development Life Cycle (SDLC) such as: waterfall, agile, DevOps, cloud computing, algorithms, mobility, and project management. Capable of strong communication, analytical, and problem-solving skills, thriving in both independent and collaborative environments to foster innovation and drive successful project outcomes.

Technical Skills

- **Software Testing & Quality Assurance**: Hands-on experience in Quality Testing Methodologies, ensuring software reliability and performance.

- **Object-Oriented Design & Algorithms:** Understanding of object-oriented programming principles, design structures, and algorithms for efficient software development.

- **Software Development Life Cycle (SDLC):** Basic understanding of software development methodologies, including Waterfall and Agile, with the ability to follow structured processes and adapt to iterative workflows.

- **Program languages**: Knowledge with Java, JavaScript, GIT, SQL.

- **Database Management**: Database design, normalization, SQL Server, MySQL

- **Tools and Technologies**: Visual Studio, Katalon Recorder, SharePoint, Microsoft Office

- **Microsoft 365 and Cloud:** Skilled in Word, Excel and PowerPoint, Microsoft SharePoint and Microsoft Teams and Azure.

- **Teamwork & Innovation**: Team player, Self-motivated and capable of working collaboratively to achieve project goals efficiently, perceptive, delegated, and keen on supporting cutting-edge innovation.

Experiences

Software Developer student   **Mohawk college**   **Jan 2024 to May 2025**

- Object-Oriented Design & Algorithms: Implemented object-oriented programming principles, design structures, and algorithms in academic assignments and projects to develop efficient and maintainable software solutions.

- Conducted software testing and quality assurance, applying testing methodologies to ensure system reliability and functionality.

- Debugged and resolved complex software and system issues, enhancing application performance and stability.

- Collaborated with the team to develop educational tools and software

- Managed multiple responsibilities with strong prioritization and time management skills, ensuring timely project completion.

- Designed and optimized database structures, including SQL Server and MySQL, applying normalization techniques for efficiency.

Completed Projects

Automated Website Testing Project

- Designed and executed automated website tests using Katalon, ensuring full requirement coverage and improving test automation and website validation processes.

- Enhanced skills in automated testing, identifying and resolving potential issues to improve software reliability, optimizing test case execution,

Unit Testing in Java

- Developed JUnit test cases for the Set Library class in Java, improving software testing, debugging, and overall code quality.

- Identified and resolved bugs and inefficiencies, ensuring robust and maintainable software solutions.

- Applied test-driven development (TDD) principles to enhance code reliability and functionality.

Educations

- Diploma in Software Development   Mohawk College, Hamilton, ON   Jan 2024 to Dec 2026
- Bachelor of Biology   University, Iran   Jan 2010

Certifications

- Computer Science - Software Engineering Specialist   Mohawk College, Hamilton, ON
- Azure Fundamentals (AZ-900)   Jan. 2025 – Mar 2025
- Google Ads Apps Certification   On-demand Jan. 2025