Basic Computer Literacy

• Computer Literacy Basics: GCFGlobal Free Computer Basics Tutorial

Software and Web Application Architecture

- Software and Web Application Basic: <u>Tutorial</u>
- Web Basic Concepts: <u>Tutorial</u>

Understanding Software Development

- Software Development Lifecycle (SDLC): <u>TutorialsPoint SDLC</u>
- Agile Methodologies: Agile Manifesto
- DevOps Principles: <u>DevOps Practices</u>

Basic Programming Knowledge

Python for Beginners: <u>W3Schools - Python Tutorial</u>

Testing Fundamentals

- Software Testing Basics: <u>Guru99 Software Testing Tutorial</u>
- Types of Testing: <u>Testim Types of Software Testing</u>

Familiarity with Testing Tools

- Manual Testing Tools:
 - Manual Testing Tool: <u>Tools</u>
- Automated Testing Tools:
 - o **Selenium**: <u>SeleniumHQ Selenium Documentation</u>
- Test Management:
 - Test Management Tool: QASE

Basic Database Knowledge

SQL for Beginners: <u>W3Schools - MySQL Tutorial</u>

Attention to Detail and Analytical Skills

Analytical Thinking: MindTools - Analytical Thinking

Soft Skills

• Effective Communication: Coursera - Communication Skills

Learning Resources

• Free Udemy Course:

- o Introduction to Software Testing or Software QA
- Books and Tutorials:
 - o "Software Testing" by Ron Patton: Amazon Software Testing
- Certifications:
 - o ISTQB Foundation Level: ISTQB Official Site

Practical Experience

- Practice Projects:
 - o **GitHub**: Explore open-source projects to contribute to (GitHub Explore)
- Internships or Entry-Level Positions:
 - o LinkedIn: Search for QA internships (LinkedIn Jobs)
 - o **Indeed**: Look for entry-level QA positions (Indeed QA Jobs)
- Freelance Marketplace:
 - o Upwork
 - Fiverr
 - UTest

Join QA Communities

- Forums and Groups:
 - o Stack Overflow: Software Testing
 - o **Reddit**: <u>r/QualityAssurance</u>
 - Meetup: Search for local QA meetups (Meetup)