

QA Engineer

Legends

Parent Topic

Subtopic

Concept

Tool

Find the detailed version of this roadmap along with resources and other roadmaps

<http://roadmap.sh>

Learn the Fundamentals

What is Quality Assurance?

Tester Mindset

Testing Approaches

White Box Testing

Gray Box Testing

Black Box Testing

SAFe

XP

Scrum

Kanban

Agile Model

Test Oracles

Test Prioritization

Manage your Testing

qTest

TestRail

TestLink

Zephyr

Atlassian

Assembla

YouTrack

Trello

Project Management

V Model

Waterfall Model

SDLC Delivery Model

Manual Testing

TDD

Test Planning

Test Cases and Scenarios

Reporting

Compatibility

Verification and Validation

Cypress

Soap UI

Karateframework

Backend Automation

Automated Testing

Postman / Newman

REST Assured

Lighthouse

Webpage Test

Gatling

K6

Artillery

Vegeta

JMeter

Locust

Load & Performance Testing

Non-Functional Testing

Accessibility Testing

Gmail Tester

Mallinator

Email Testing

TestRail

Allure

jUnit

Reporting

Monitoring and Logs

Grafana

New Relic

RunScope

Sentry

Kibana

Data Dog

Pager Duty

Git

Circle CI

Drone

Jenkins

Travis CI

CI / CD

Repo Hosting Services

Version Control System

Gitlab CI

Bamboo

TeamCity

Azure DevOps Services

GitLab

BitBucket

GitHub

Headless Testing

Zombie.js

Playwright

Puppeteer

Cypress

Headless Chrome

Headless Fox

HTML Unit

Keep Learning

Testing Techniques

Non Functional Testing

Load Testing

Performance Testing

Stress Testing

Security Testing

Accessibility Testing

Frontend Automation

Basic Introduction

Browser Addons

Automation Frameworks

QA Wolf

Cypress

Webdriver.io

Jasmine

Nightwatch

Robot Framework

Jest

Puppeteer

Playwright

Espresso

Detox

Appium

XCUITest

Mobile Automation

Selenium IDE

Ghost Inspector

Bug Management

Check my Links

Wave

Axe

Chrome DevTools

Functional Testing

UAT

Exploratory Testing

Sanity Testing

Regression Testing

Smoke Testing

Unit Testing

Integration Testing

HTML, CSS, JavaScript

Browser / Dev Tools

Ajax

Caching

SWAs, PWAs, JAMStack

CSR vs SSR

Responsive vs Adaptive

Secrets Management

OWASP 10

Attack Vectors

Vulnerability Scanning

Authentication / Authorization

Security Testing