

Serdar SELCUK
Software Developer
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Plano, TX
US Citizen

Page: https://serdarselcuk.github.io/my_main_page/

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SUMMARY

Completed master's degree, worked on creating an **Android** app with **Spring-boot** service integration and **MySQL** Database connection as finishing project.

Experienced Software Development Engineer in Test (SDET) with a strong background in the Health and Banking industries.

Proficient in Agile/Scrum methodologies, SDLC, and STLC.

Expertise in **Java**, **Kotlin**, **JavaScript**, **HTML**, **CSS**, **SQL**, and **Shell Scripts**.

Skilled in test automation, working on **CI/CD**, with **Jenkins** and various frameworks and tools.

Completed **AWS practitioner** certification successfully.

Created automation for **Android** app using **Espresso** and **Kotlin**

Created a framework to test, data migration containing DB and service response validations

Worked on **Android**, **Angular**, **Springboot**, **Selenium**, **Appium**, and **Espresso** on some personal projects

SKILLS SUMMARY

- CI/CD
- Java, Kotlin, JavaScript, Shell Script, Typescript, Python
- Build & Integration Tools: Maven, Gradle
- Selenium WebDriver, JUnit, TestNG, Cucumber, Appium, Espresso
- Postman, Swagger, Rest Assured
- TDD, BDD, DDT
- MySQL, PostgreSQL, Oracle, Splunk
- Jenkins, Selenium Grid, BrowserStack, SourceLabs
- Git, GitHub, Bitbucket
- HTML, CSS, XML, JSON, XPath,
- AWS practitioner certification
- JDBC, JPA, Hibernate,
- Angular, SpringBoot

PROFESSIONAL EXPERIENCE

Chase, Plano, TX
Software Engineer
June 2023 – Present

- Worked on Hybrid features conversion into Native manner and increased page loading time by 20%
- Debugged and fixed defects in the Android repo using Kotlin.
- Created testing framework for Android using Espresso and BDD in Kotlin.
- Led the efforts about the shift left process increasing cost-effectivity
- Implemented service mocking with WireMock for isolated testing environments.
- Collaborated with developers to ensure high-quality code.
- Participated in all Scrum ceremonies and contributed to process improvements.
- Created tools to automate some repeating efforts of developers using Shell script

SVB go, Tempe, AZ
SDET/QA Engineer
July 2020 – June 2023

- Created an application for data migration process using JDBC, JPA, and Hibernate with Java using Maven.
- Automated test cases for web applications, including API and DB validations.
- Developed automation scripts with Selenium WebDriver, JUnit, and TestNG.
- Automated API testing with REST Assured and validated backend data with SQL queries.
- Actively used SQL complicated queries to automate scenarios.

EDUCATION

Master of Science in Software Engineering
North American University, Stafford, TX
Graduated May 2023

Thesis: Developing and Testing the Mobile Application “Math-Mind”

- Developed an Android application with backend integration.
- Used Java, Kotlin, Spring Boot, Gradle, and Espresso for development and testing.
- Conducted UI tests and managed builds with Gradle.

Fleet Apps, Cybertek Coding School, VA
SDET Boot Camp
July 2019 – March 2020

- Completed over 1000 hours of coursework in QA engineering and Test Automation.
- Built automation frameworks using Selenium WebDriver, TestNG, and Maven.
- Conducted parallel testing with Selenium Grid.
- Utilized Cucumber BDD framework and practiced database testing with JDBC and SQL.
- Experienced in mobile testing with Appium and cloud testing platforms like BrowserStack.

Doctor of Medicine / Bachelor Degree

Erciyes University, Gevher Nesibe Medical Faculty, Kayseri, Turkey

Graduated 2008

MY PUBLIC PROJECTS

Math-Mind Mobile Application

Developed an educational game to enhance mathematical skills using Java, Kotlin, Spring Boot, Gradle, Espresso, REST APIs, and MySQL.

https://github.com/serdarselcuk/mathMind_android

https://github.com/serdarselcuk/mathMind_service

Ball-Game Web Application

Designed and developed an entertainment game using JavaScript, HTML, and CSS.

<https://serdarselcuk.github.io/ballGame/>

My Main Page – Web Application

Created a personal web page using Angular, NodeJS, HTML, CSS, and GitHub.

https://serdarselcuk.github.io/my_main_page/