

# Mehtab Singh Jalaf

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## EDUCATION

**York University, Lassonde School of Engineering**  
*Honors Bachelor of Science in Computer Science*

Toronto, ON, Canada  
2020-2024

**Skills:** Java, TypeScript, JavaScript, Swift, Cypress, WebdriverIO, Appium, React Native, XCUITest, MySQL, YAML, Bash, XCode, Android Studio, Visual Studio Code, Github Actions/Azure CI/CD, Git, Linux

## WORK EXPERIENCE (Internships)

### Software Engineer in Test

*Rakuten Kobo - Mobile Apps Team*

Toronto, ON  
2023-2024

- ❖ For 16 months, I worked in a cross functional team, created an automated E2E Test Suite for the React Native Rakuten Kobo + Tolino iOS & Android apps, test cases interacted with both native and web views.
- ❖ Automated tests were written in TypeScript using WebdriverIO, Appium, & Mocha+Espresso frameworks - alongside XCUITest & UI Automator for selecting components
- ❖ Test runs were scheduled daily and run on Github Actions CI/CD Pipelines, which builds the production dev environment, runs the tests on a simulator, and outputs a comprehensive test run report using Allure Report presented on a dedicated web server + slack notifications for the QA team.
- ❖ Participated in Agile development, Delivered E2E project pitches to team for development cycle, Presented features within company wide stakeholder and R&D meetings
- ❖ Worked with Tolino (Germany) team to revive old XCUITest Native suite + setup new appium framework
- ❖ Used Charles Proxy to test api calls, Used safari dev view for iOS webviews, and Chrome devtools for android
- ❖ Created and tracked tasks with detailed Jira & ClickUp tickets/epics/spikes - left team with detailed code documentation, readMe's, and E2E Onboarding document.

### Quality Assurance Automation Engineer

*Appgen Studio - appgen.studio*

Toronto, ON  
2022

- ❖ Created an automated E2E Test Suite for the company page and its clients (Cover.Health, Jack.Health, Jill.Health, Kixcare.com, Halaconnect.com) websites using Cypress and JavaScript - Achieved ~85% code coverage
- ❖ Tested AWS APIs using Postman
- ❖ Carried out manual Integration, Smoke, Unit, and Regression testing. Single QA on team assisting devs.
- ❖ Created manual test suite on TestRail and documented test results for clients, bug tracking via Jira
- ❖ Performed demonstrations of projects and proof of concepts to team and our clients

## PROJECTS

### Canadian NHPI Predictor

[github.com/mehtabjalaf/TeamMikeD3](https://github.com/mehtabjalaf/TeamMikeD3)

With a Java Swing GUI, this software predicted the house prices in Canadian cities using WEKA machine learning.

### Java Snake Game

[github.com/mehtabjalaf/jframe-snake-game](https://github.com/mehtabjalaf/jframe-snake-game)

A simple snake game with GUI made with Java AWT and JFrame. Purpose was to get familiar with OOP and Git.

### Various Apps (Java + Android Studio / Swift + XCode)

[github.com/mehtabjalaf](https://github.com/mehtabjalaf) /*android-tictactoe-app* /*android-bank-app* /*android-greeting-app* /*basicEmojiPicker*

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