Zaid Arshad
SOFTWARE DEVELOPER
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PERSONAL PROJECTS

WatRe
Solo project – 2022

Java, C#, Python | Android, ASP.NET | Web App Utility

Developed a mobile app to remind users to drink water throughout the day.
Utilised a notification system to send reminders.
Incorporated a REST API to enable desktop use.
Wrote a Python script to send audio cues from the user's PC.

Expiry Tracker
Solo project – 2021

Java | Swing, Spring Boot, Gson | Web Client

Developed client to keep track of food stock.
Designed GUI with Java Swing that updates from calls to server.
Constructed web server with Spring Boot to create REST API.
Implement Gson to save data from server to file.

Parent App
Team project – 2021

Java | Android, Gson | Mobile App Utility

Developed app to aid guardians in parenting.
Demonstrated agile development methods in a team of 4.
Implemented coin flipping, task managing and visual timeout timer.

Laps
Solo project – 2021

Kotlin | Android, Google Maps | Mobile Health Application

Developed app that records routes run by the user.
Applied Google Maps API to track user's location to plot points on a map.
Designed listview system to display best time, distance, & track name.

GENERAL EXPERIENCE

UBC Outreach Junior Intrustor
2020

Educated 240 students in 8 different STEM-related camps

Totaled up to 153 hours of volunteer experience.
Assisted senior instructors with applied sciences & programming lessons.
Directed 8 unique lessons related to engineering.
Taught a wide range of students, from grades 3 to 12.

EDUCATION

Simon Fraser University
B.Sc in Computing Science
July 2020 – Present
CGPA 3.47

LANGUAGES

C/C++
Java
Kotlin
Python
C#

FRAMEWORKS

Android
SFML
Java Swing
Spring Boot
ASP.NET

SOFTWARE

Git
gdb
Valgrind
Android Studio
Adobe Illustrator

ACHIEVEMENTS

SFU Fall Hacks 2021
2nd Place

BC District Authority Scholarship 2020
In Applied Skills/Design/ Technology