

Afaq Nabi

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EDUCATION

University of Alberta, Edmonton, AB

Sept. 2019 - Present

Bachelors of Science in Computing Science

- Extracurricular: Google Developer Student Club, Ada's Team Tutor

WORK EXPERIENCE

Backend Student - La-Connexional

Jan 2022-Present

- Implementing backend **RESTful API** using **Django** for a frontend **Flutter** application

Software Developer Student - Employment Social Development Canada *Sep 2021-Dec 2021*

- Wrote unit tests and integration tests to validate **Apache Camel** routes and **Kafka** streams using

Citrus simulator

- Participate in daily Scrum meetings and use **JIRA** to track the progress of the project and collaborate within the team and with other teams
- Wrote **Camel** routes in order to facilitate communication between several systems

Software Engineering Intern - MPP Software Solutions Inc.

May 2021-Aug 2021

- Achieved 90% code coverage by writing unit tests using **RESTful API** and browser tests using

Laravel/Dusk

- Implemented 2-factor authentication with **PHP** and **Twilio** to improve security
- Consulted with various KYC solutions providers to report the pros and cons of each one to managers

PROJECTS

SmartBook - April 2021

[Github Repository](#)

- Oversaw the integration of features and delegated tasks, wrote java classes and activity classes for UI navigation and wrote unit tests for these classes
- An app written in **Java** using Android Studio and **Firebase** as the cloud environment in a team of 6 people, where the work was distributed between everyone
- The purpose of the app is to provide users with a way to share their experiments with other people and allow them to contribute to the scientific method

Kitchen Dash - January 2021

[Github Repository](#)

- Did the backend with firebase and react hooks by fetching data and displaying it to the user
- A full **React Native** app for **IOS/Android** which used **Firebase** for the backend to store user data and query data to be displayed to the screen
- The app is meant to be a community-run **IOS/Android** app where users can post their favourite recipes and browse other people's recipes

Stock Data Scraper - July 2021

[Github Repository](#)

- A **Python** script that uses a Yahoo Finance API to scrape stock candles from the website
- Also uses Chrome web driver and **Selenium** to scrape information from a personal watchlist on Yahoo Finance into a **Pandas** Dataframe into the **SQLite** Database.
- Uses headless browsing to achieve a 2x speedup in getting Tickers from the personal watchlist

Discord Bot - October 2021

[Github Repository](#)

- Created a bot using the Discord API in **Python** to copy messages from one discord channel to another
- Utilized **Object-Oriented Programming** to make code reproducible and readable

SKILLS

Languages: Python3, Java, C/ C++, JavaScript, PHP

Skills: MySQL, MongoDB, GitHub, Pandas, Numpy, Matplotlib, ReactNative, React, Firebase, Selenium, Laravel, Laravel/Dusk, Jira, Camel, Kafka, Maven, XML, Django, RESTful