

Wafa Qazi

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Technical Skills

Languages: Python, Java, C, HTML/CSS, JavaScript, SQL

Developer Tools: VS Code, Android Studio

Technologies/Frameworks: Linux, Git, GitHub, NodeJS, MongoDB, Express, Django

Projects

MeloFile

JAVASCRIPT, HTML/CSS, PYTHON, DJANGO

- Developed a **full-stack** web application using **Django** that allows users to add and view various lyrics.
- Incorporated **API** calls to **Spotify Web API** using **spotify** library and stored data efficiently.
- Built a custom edit feature, allowing users to request authentication to edit other users' posts. Integrated **jsdiff** so users can compare edited postings with the original posts.
- Utilized **Django REST framework** to create a **REST API** with various endpoints

Network

JAVASCRIPT, PYTHON, HTML/CSS, DJANGO

- Designed a social networking website for making posts and following users.
- Used **HTML/CSS** and **Javascript** to design the front-end of the web client.
- Implemented back-end using Python and **Django framework** to store user accounts and interactions.

Weather App

JAVASCRIPT, HTML/CSS, NODEJS, EXPRESS, HANDLEBARS

- **NodeJS** web application that enables users to search for weather forecasts of any location entered.
- Routing and API endpoints were handled with **Express**, while **Handlebars** library allowed for easy HTML templating.
- Utilized **PassportJS** for simple User authentication for login and logout.

Mail

JAVASCRIPT, PYTHON, HTML/CSS, DJANGO

- Designed frontend email client that makes API calls to send and receive emails using Django framework.
- Used **HTML/CSS** and **Javascript** to design the front-end of the web client.
- Implemented back-end using Python and **Django framework** to store user accounts and emails between accounts.

Education

University of Guelph

Guelph, Ontario

B.S. IN COMPUTER SCIENCE

2021

- Key Projects:
 - **iCalendar Parser, 2017** : Developed software using C that creates and parses iCalendar events utilized through **Tkinter GUI** and **SQL database**.
 - **C- Compiler, 2021** : Developed a compiler for made up language "C-" using **Java** and **Flex**
- Courses: Data Structures, Software Engineering, Algorithms Analysis, Mobile Development, Web Development, Databases

Extracurricular

ElleHacks Virtual Hackathon 2022

WELLFOOD

- Finalist for top 4 overall with our web application **WellFood**.
- Used HTML, Javascript and Tailwind CSS to create a webapp for our submission 'WellFood', a solution for food insecurity.