

# ANIKA SHEIKH

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## SKILLS

### PROGRAMMING

#### LANGUAGES:

- Python • C/C++ • JavaScript • Java
- HTML • CSS • VBA • SQL • MATLAB
- VHDL • Flutter

#### FRAMEWORKS & DATABASES:

- Django • React • NodeJS • PostgreSQL
- Bootstrap • SQL • Firebase

#### TOOLS:

- Git • Jira • Confluence • Agile

## EDUCATION

### SIMON FRASER UNIVERSITY

BASc. Computer Engineering

Sep 2018- Dec 2022

Deans Honour Roll

## RELEVANT COURSES

### COMPUTER SCIENCE

Algorithms & Data Structure

Database Systems

User Interface Design

Software Testing Reliability & Security

Operating System

Embedded & RT Systems

Artificial Intelligence

Object Oriented Programming

## LINKS

#### LINKEDIN

[linkedin.com/in/anika-sheikh-5723201b8/](https://www.linkedin.com/in/anika-sheikh-5723201b8/)

#### GITHUB

[github.com/aanika23](https://github.com/aanika23)

## INTERESTS

Classical Dance

Painting

Tennis

Weightlifting

## EXPERIENCE

### AVESTEC TECHNOLOGIES | SOFTWARE ENGINEER

Feb 2022 – Present | Burnaby, BC

- Enhanced drone reporting procedure through creating a program written in Python Django, and JavaScript that organizes flight information, temperature, and pictures for graphic analysis
- Utilized Linux to update drone status and communicate with Tether Box

### GREENLIGHT INNOVATION | FULL STACK DEVELOPER

May 2021 – Dec 2021 | Burnaby, BC

- Developed web applications written in Python Django, JavaScript, and PostgreSQL that allow managers and executives to easily view project performance reviews
- Maintained and tested features within web application that provided time tracking and ERP functionality to help the accounting and manufacturing departments by automating repetitive tasks
- Streamlined development by introducing tools such as Git, Jira, and Confluence to the web development team

### SEASPAN VSY | SOFTWARE/ELECTRICAL ENGINEER

Jan 2020 – April 2020 | North-Vancouver, BC

- Designed a user-friendly interface that cross references company data from various departments using VBA macro
- Launched ship locator program that organizes blocks and compartments that allows clients to have a visual representation of various ship models.

## PROJECTS

### E-MINDER – CAPSTONE

Jun 2022 – Dec 2022 | Burnaby, BC

- Built E-minder app to add/remove, schedule, and set notifications for user identified items to complement RFID hardware to remind users of forgotten items- Designed using Flutter and Firebase
- Configured embedded components to reliably communicate with the mobile app; Found optimal balance between RFID signalling and power consumption

### StormHacks 2021, Hackathon and Case Competition

Feb 2021 | Vancouver, BC

- Launched an online platform in a team of 4 to help homeless people and tourists navigate to water fountains, sanitation stations, and other nearby facilities
- Won “Best use of Google Clouds” and “Women in STEM” award out of 100+ teams at StormHacks