Ahnaf Ahmad

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ABOUT ME

As a motivated computer science student, I am seeking to apply my knowledge and skills to solve real-world challenges and contribute to the advancements and development of modern technology. Additionally, I am always eager to gain new insights and further extend my expertise.

PROJECTS

REST API Input Validation (Python)

Secure Programming Term Project · March 2023 - May 2023

· Responsible for the full development of the project.
· Developed using Python and the Flask library.
· Used SQLite3 as the database to store data.
· Used Regex to validate inputs for GET, POST, and PUT Requests.

Car Rental Management System (Python & SQL)

DBMS Course Term Project · November 2022 - December 2022

· Handled both frontend and backend of the application.
· Developed using Python's Tkinter library and MySQL Workbench.
· Led the designing of the GUI and functionality of the project.

Natural Disaster Tracker Android App (java)

Software Engineering Team Project · January 2022 - May 2022

· Collaborated with three other students.
· Developed using Android Studio Code, Java, XML, Google Maps API, and NASA EONET API.
· Mainly handled the frontend of the application.

Simple Flash Study Card Program (Java)

Object Oriented Programming Term Project · November 2021 - December 2021

· Full stack team project with the students of the OOP class.
· Developed fully using Java and its Swing library and utilized the concepts of OOP, such as polymorphism, inheritance, etc.
· Led the backend development of the application.

SKILLS

Java, Python, C, HTML & CSS, Javascript, ReactJS, SQL, Git, Docker

EDUCATION

Bachelor of Science in Computer Science

University of Texas at Arlington · Arlington, TX · Aug 2020 - May 2024 · GPA 3.467

CERTIFICATIONS

AWS Certified Cloud Practitioner

Amazon Web Services (AWS) · 2023

Python Data Structures

Coursera: University of Michigan · 2020

Programming for Everybody (Python)

Coursera: University of Michigan · 2020

RELEVANT COURSEWORK

Data Structure & Algorithm

Database Management System

Fundamentals of Machine Learning

Introduction to Artificial Intelligence

Object-Oriented Programming

Secure Programming