MD. NURUL YOUSUF KHAN

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PROFILE

A dedicated Computer Science graduate passionate about problem-solving, software development and artificial intelligence. Proficient in multiple coding languages, algorithms, and software development principles gained through coursework and personal projects, and have a strong passion for learning and growth. I am seeking an opportunity to apply my skills professionally and grow as a software engineer.

SKILLS

Programming Languages:

- C, C++, Java(OOP), Python, JavaScript, Kotlin

Others:

- HTML/CSS, MSSQL Server, MySQL, Data Structures and Algorithms, Firebase, Git, scikit-learn, PyTorch, TensorFlow, FastAPI

Soft Skills:

- Time Management, Leadership, Teamwork, Problem-Solving

EDUCATION

Ahsanullah University of Science and Technology February 2020 – May 2024
B.Sc. Computer Science and Engineering Dhaka, Bangladesh
CGPA - 3.524 (out of 4)

Relevant Coursework: Object-Oriented Programming, Data Structures and Algorithms, Database, Distributed Database Systems, System Design Methodologies, Operating Systems, Computer Networks, Artificial Intelligence, Computer Graphics, Digital Image Processing

PROJECTS

ScientificCalculator:
developed with JavaSwing that does all the basic functionalities of a scientific calculator. There is also a unit converter.

FoodOrdery:
developed with HTML, CSS, integrated with MySQL. It is a food ordering website where a user can place order and check the order status.

BD-HomePrices:
predicts house prices in Bangladesh. It was trained on a dataset from Kaggle and seven different machine learning models were used. Feature Engineering was also performed on the dataset.

Tomato Disease Classification:
involves classifying tomato diseases using a Convolutional Neural Network (CNN). The dataset for this task was sourced from Kaggle and contains images of 256x256 pixels, categorized into 10 disease classes.

RESEARCH WORKS

A Novel Approach to Bengali Sarcasm and Offensive Language Detection: Leveraging Emojis For Contextual Understanding
used deep and transfer learning models to detect sarcasm and then offensiveness in a Bengali text based on emojis where emojis represent the opposite meaning of that text.