Debajyoti Talukder

Aspiring software engineer with a passion for learning and innovation. Proficient in programming and problem solving. Well-versed in C, Data Structures and Algorithms, Git, GitHub, Web Development, and Full-Stack Development. Adept at using Python, Java, and other programming languages to produce clean code. Eager to learn, grow, and contribute to the success of a dynamic organization.

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github.com/DebajyotiTalukder2001

SKILLS

C | Data Structures and Algorithms | Java | Object-Oriented Programming (OOP) | Python | Machine Learning | Deep Learning | Data Science | Git | GitHub | DevOps | Full-Stack Development | Web Development | HTML | CSS | Bootstrap | Tailwind CSS | JavaScript | jQuery | React.js | PHP | MySQL | Flask | FastAPI | Node.js | MongoDB | APIs | Linux | Microsoft Office | Problem Solving | Communication

EDUCATION

Bachelor of Technology in Computer Science & Engineering

Murshidabad College of Engineering and Technology

11/2020 - 07/2024

University: Maulana Abul Kalam Azad University of Technology, West Bengal, India | CGPA: 9.30

Courses

- Data Structures and Algorithms (DSA), Computer Organization and Architecture (COA), Object-Oriented Programming (OOP), Software Engineering, Database Management Systems (DBMS), Operating Systems (OS), Computer Networks, Cloud Computing

Class 12th, Science

Krishnagar Collegiate School

07/2018 - 07/2019

West Bengal Board | Percentage: 91.8

Class 10th

Krishnagar High School

05/2016 - 05/2017

West Bengal Board | Percentage: 93.8

PERSONAL PROJECTS

Brain Tumor Detection using CNN (10/2023 - 11/2023)

- **Technologies used:** Deep Learning, Convolutional Neural Network (CNN), Python, Python libraries such as NumPy, Tensorflow, Keras, Matplotlib, and Streamlit
- This brain tumor detection system is a system that can predict whether the given image (MRI) of the brain has a tumor or not. Trained the TensorFlow model in the Google Colab environment, and average accuracy achieved by the system is up to 93%
- Used Streamlit and Google Colab localtunnel API to deploy the model
- **GitHub Link:** https://github.com/DebajyotiTalukder2001/BrainTumorDetection_Using_CNN

Traffic Monitoring System (08/2023 - 10/2023)

- **Technologies used:** Python, Python libraries such as OpenCV, NumPy, Pandas, and Ultralytics YOLOv8
- This system can efficiently detect, track, and count vehicles moving in either direction and estimate the speed of the vehicles. It can also detect vehicle speed limit violations to ensure road traffic safety. The system was evaluated on the YOLOv8's state-of-the-art pretrained model. Tested on different videos, and average accuracy achieved by the system is up to 95%
- **GitHub Link:** https://github.com/DebajyotiTalukder2001/Traffic-Monitoring-System

E-Commerce Website (03/2023 - 05/2023)

- **Technologies used:** HTML, CSS, JavaScript, jQuery, Bootstrap, PHP, MySQL
- Created a complete responsive E-Commerce website based on Nykaa-Fashion, which is one of the largest E-Commerce platforms for fashion and lifestyle in India. The website's features include admin panel, user registration, product listings, shopping cart, checkout, and order management
- **GitHub Link:** https://github.com/DebajyotiTalukder2001/E-Commerce

INTERESTS

DevOps | Software Engineering | UI/UX | Artificial Intelligence | Cyber Security | Machine Learning | Data Science | Deep Learning | Web Development | Full-Stack Development

LANGUAGES

English
Professional Working Proficiency

Hindi
Professional Working Proficiency

Bengali
Native or Bilingual Proficiency

INTERNSHIP

Python Developer Intern
CodeSpeedy Technology Private Limited

05/2023 - 08/2023 *Kolkata, West Bengal, India (Remote)*

Achievements/Tasks

- Used Python libraries such as Pandas, NumPy, Matplotlib, Seaborn, and Scikit-Learn to perform machine learning and data analysis tasks
- Contributed source codes and projects using Python and its libraries on Coders Packet, an online platform of source code directory for projects

Full-Stack Web Developer Intern
Ardent Computech Pvt. Ltd.

12/2022 - 05/2023 *Kolkata, West Bengal, India (Remote)*

Achievements/Tasks

- Gained hands-on experience with Full-Stack Development through self-paced learning, technical sessions, and project work
- Consistently completed assigned tasks and milestones on time, demonstrating commitment and reliability
- Worked collaboratively with a team and mentor to identify a problem, design a solution, and build a functional project using Full-Stack Development technologies
- Developed a complete responsive E-Commerce website using HTML, CSS, Bootstrap, JavaScript, jQuery, PHP, and MySQL

CERTIFICATES

IBM SkillsBuild Internship Program on Front-End Development (2023)

Software Development Virtual Internship Program by Exposys Data Labs, Bangalore (2023)

Front-End Development - IBM SkillsBuild (2023)

Web Development Fundamentals - IBM SkillsBuild (2023)

Software Engineering Virtual Experience Program by Forage (2023)

Crash Course on Python by Google - Coursera (2023)

The Full-Stack by Meta - Coursera (2023)

Python Programming Essentials - Cisco Networking Academy (2023)

Applied Data Science with Python - IBM SkillsBuild (2023)

Python for Beginners - Simplilearn (2023)

Getting Started with Full-Stack Java Development - Simplilearn (2023)