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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debajyotitalukder2001.github.io/portfolio.github.io

github.com/DebajyotiTalukder2001

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, Cyber Security, Artificial Intelligence

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

SKILLS

`C` `C++` `Python` `Machine Learning` `Deep Learning` `Java` `Git` `GitHub` `Full-Stack Development` `Web Development` `HTML` `CSS` `Bootstrap` `JavaScript` `jQuery` `React.js` `PHP` `MySQL` `MongoDB` `Node.js` `Django` `Flask` `APIs` `Microsoft Office` `Linux` `Problem Solving` `Communication`

INTERNSHIP

Python Developer Intern
CodeSpeedy Technology Private Limited ⬈

05/2023 - 08/2023

Kolkata, West Bengal, India (Remote)

CodeSpeedy Technology Private Limited is an IT company that provides coding solutions along with various IT services like web development, software development.

Achievements/Tasks
- Used Python libraries such as Pandas, NumPy, Matplotlib, and seaborn to perform data analysis tasks
- Contributed source codes and projects using using Python and its libraries on Coders Packet, an online platform of source code directory for projects
  https://github.com/DebajyotiTalukder2001/CodeSpeedy-Repo

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 Google Colab on a virtual Tesla T4 GPU 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. 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

CERTIFICATIONS

Full-Stack Web Development Industrial Training Program by Ardent Computech Private Limited, Kolkata (2023) ⤴

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

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

Software Engineering Virtual Experience Program by Forage (2023) ⤴

Python for Beginners - Simplilearn (2023) ⤴

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

Crash Course on Python by Google - Coursera (2023) ⤴

Applied Data Science with Python - IBM SkillsBuild (2023) ⤴

Python Programming Essentials - Cisco Networking Academy (2023) ⤴

Web Development Fundamentals - IBM SkillsBuild (2023) ⤴

The Full Stack by Meta - Coursera (2023) ⤴

Java Programming Fundamentals - Infosys Springboard (2022) ⤴

ACHIEVEMENTS

Secured 4398 rank out of 1 lakh+ participants in Codekaze - Sept'23 (2023) ⤴
CodeKaze is an online competitive coding event organised by Coding Ninjas having more than 100,000 contestants from more than 1500 technical institutes all over India.

Secured 6117 rank out of 90,678 participants in PrepSAT - Hiring Jobathon (2023) ⤴
PrepSAT by PrepInsta is a jobathon, i.e., a hiring hackathon, in association with WeCP and 300+ partner companies all over India.

INTERESTS

Competitive Programming   Software Engineering

DevOps   Machine Learning   Deep Learning

Artificial Intelligence   UI/UX   Web Development

Full-Stack Development   Cyber Security

LANGUAGES

English
Professional Working Proficiency

Hindi
Professional Working Proficiency

Bengali
Native or Bilingual Proficiency