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

in in.linkedin.com/in/debajyoti-talukder-29358a25b

○ github.com/DebajyotiTalukder2001

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
- Used Python libraries such as pyotp, qrcode, and cryptography to develop a message security system that ensures a secure environment where messages are sent between users and uses a combination of encryption and authentication
- Contributed source codes/projects on Coders Packet, an online platform of source code directory for projects
- **Link:** *https://coderspacket.com/contributor/Debajyoti2001*
- Achieved Certificate of Excellence as a Python Developer Intern
- **Link:** *https://drive.google.com/drive/folders/1Mwxha3BwJU2QO8yfSubXw-B7k4CLjYBp?usp=sharing*

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

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

Ardent Computech Pvt. Ltd. is a learning and software development company established in 2002. The company started with the mission to bridge the gap between academia and the industry.

Achievements/Tasks
- Utilized the opportunity to accelerate learning in project-based, collaborative environments
- honed Full-Stack Web Development skills through hands-on learning from industry experts
- Used technologies like HTML, CSS, JavaScript, jQuery, Bootstrap, PHP, and MySQL to develop a complete responsive E-Commerce Website
- Used the phpMyAdmin tool to manage the administrative tasks and databases of the E-Commerce website.
- Achieved Certificate of Excellence as a Full-Stack Web Developer Intern
- Link: *https://drive.google.com/drive/folders/1lXBjZHQPy6d72MwiaM5MZpdVR6LHc5zD?usp=sharing*

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
- C (Programming Language), 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
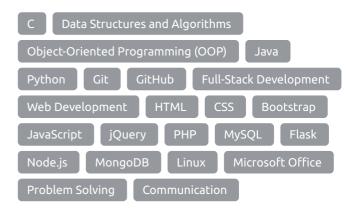
07/2018 - 07/2019 *West Bengal Board | Percentage: 91.8*

Class 10th
Krishnagar High School

05/2016 - 05/2017 *West Bengal Board | Percentage: 93.8*

SKILLS

C · Data Structures and Algorithms · Object-Oriented Programming (OOP) · Java · Python · Git · GitHub · Full-Stack Development · Web Development · HTML · CSS · Bootstrap · JavaScript · jQuery · PHP · MySQL · Flask · Node.js · MongoDB · Linux · Microsoft Office · Problem Solving · Communication

PERSONAL PROJECTS

Traffic Monitoring System (08/2023 - 09/2023)

- **Technologies used:** Python, OpenCV, NumPy, Pandas, YOLOv8
- The traffic monitoring system developed in this project can efficiently detect and track moving vehicles and estimate their speeds
- Tested on different videos, and average accuracy achieved by the system is up to 95%
- **GitHub Link:** *https://github.com/DebajyotiTalukder2001/Traffic-Monitoring-System*

EdTech-FRT - A Educational Website (08/2023 - 08/2023)

- **Technologies used:** HTML, CSS, JavaScript, jQuery
- This project aims to show the future directions of the education system around the world, how technology is shaping the future of education, and showcase UNESCO's mission of rethinking and reimagining education for a sustainable future.
- Deployed the project on Microsoft Azure platform using static web apps and GitHub workflows
- **GitHub Link:** *https://github.com/DebajyotiTalukder2001/EdTech-FRT.github.io*
- **Link (Azure Static Web App):** *https://black-plant-04b768110.3.azurestaticapps.net/*

Unemployment Rate Analysis (07/2023 - 07/2023)

- **Technologies used:** Python, Python libraries such as Pandas, NumPy, Matplotlib, and seaborn
- Created an application using Python and its libraries to implement data analysis concepts
- Collected the relevant dataset from Kaggle Website
- analysed the unemployment rate of different states in the country of India
- **GitHub Link:** *https://github.com/DebajyotiTalukder2001/My-Repo/tree/master/CodeSpeedy/Unemployment_Analysis*

Face Recognition Tool (06/2023 - 06/2023)

- **Technologies used:** Python, Python libraries such as OpenCV, Dlib and face_recognition
- It can compare two photos and check if both images have the same face
- Tested with various combinations of photos of different and the same persons, and it efficiently detected if both the persons were the same or not
- **GitHub Link:** *https://github.com/DebajyotiTalukder2001/My-Repo/tree/master/CodeSpeedy/FaceRecognition*

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
- Developed both the Front-End and Back-End parts of the website to make it a fully functional Full-Stack E-Commerce website that provides customers with a seamless shopping experience
- The website's features include admin panel, user registration, product listings, shopping cart, checkout, order management, search functionality, reviews and ratings, and customer support
- The website is optimized for mobile devices, making it easy for customers to make purchases on the go
- **GitHub Link:** *https://github.com/DebajyotiTalukder2001/E-Commerce*
- Deployed the Front-End part of the website on GitHub Pages
- **GitHub Link (Front-End Part):** *https://github.com/DebajyotiTalukder2001/nykaa-fashion-clone.github.io*
- **Link (GitHub Pages):** *https://debajyotitalukder2001.github.io/nykaa-fashion-clone.github.io/*

CERTIFICATES

Codekaze - Sep'23: Hackathon - Coding Ninjas (2023)

Microsoft Future Ready Talent Virtual Internship Program (2023)

IBM SkillsBuild Internship Program (Jointly organized by AICTE, IBM, and Edunet Foundation) (2023)

Software Development Virtual Internship Program - Exposys Data Labs (2023)

Software Engineering Virtual Experience Program - Forage (2023)

Applied Data Science with Python - IBM (2023)

Python Programming Essentials - Cisco Networking Academy (2023)

Web Development Fundamentals - IBM (2023)

The Full Stack by Meta - Coursera (2023)

Python for Beginners - Simplilearn (2023)

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

Crash Course on Python by Google - Coursera (2023)

PrepSAT Hiring Jobathon - PrepInsta (2023)

Java Programming Fundamentals - Infosys (2022)

Link (Certifications URL):
https://drive.google.com/drive/folders/1MvIDSFNCYQsaRgyUvA-VoU-R4CSnHfu0

INTERESTS

Competitive Programming   Web Development

Full-Stack Development   Machine Learning

Data Science   Artificial Intelligence   DevOps

Cyber Security

LANGUAGES

English
Professional Working Proficiency

Hindi
Professional Working Proficiency

Bengali
Native or Bilingual Proficiency