Arijit Goswami

Developer Advocate | Data Scientist | Web Developer

Software Developer with excellent problem-solving skills and ability to perform well in a team. Passionate about coding and building a strong community of developers.

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WORK EXPERIENCE

Machine Learning Engineer
Omdena
09/2020 - 11/2021

Projects
- Worked on Building an AI Solution for **Optimization of Distributed Energy Resources**

Data Scientist
Neurolabs
07/2020 - 09/2020

Projects
- Worked on email classification using **BERT**
- Worked on Hand Gesture Recognition and increased model accuracy by **90%**

Full Stack Developer
Gracehut Foundation
04/2020 - 12/2020

Projects
- Worked on a **Client Management System** helping them to scale up their business
- Created different panels for **segregation of tasks** and created login panels for each section

Full Stack Developer
Oyesters

Projects
- Worked on a **Message Broadcasting System** and implemented additional feature of accessing messages through admin panel.
- Developed **bulk emailing system** in the backend.
- Worked on Dashboard, Provider Subscription. Improved efficiency of various systems by more than **80%**

EDUCATION

Bachelor of Technology
University of Engineering and Management
CGPA - 9.5

Courses
- Computer Science Engineering

SKILLS

Python   Tensorflow   Machine Learning

Deep Learning   Data Analytics   Computer Vision

DevOps   Java   JavaScript   Data Visualization

SQL

PROJECTS

Handwritten Pattern Recognizer using Deep Learning & Neural Networks
- Developed a handwriting recognizer using deep learning and Convolutional Neural Networks. Developed the OCR of this project.
- Some of the major functionalities include recognizing handwritten digits and characters from handwritten documents, and printed documents and also materials from any other digital source.
- Also included a special feature that is text-to-speech recognition in this project. In this text-to-speech recognition, it can convert to any other language which is convenient to the user.
- Demo of the Project: https://youtu.be/Xs7Ot9PO6so

Web-Based Dynamic Algorithm Visualizer along with Chat-Engine SDK for Neophytes
- Developed a fully functional algorithm visualizer which can visualize any type of algorithm.
- This application has a proper user authentication page and it contains a tutorial section that explains the user about the entire functionality of the application.
- It has a dedicated discussion section that allows users to create multiple groups and resolve their doubts.
- Demo of the Project: https://algo-visualize-login-signup.vercel.app/

Facial Mask Detection using Neural Networks and MobileNetV2
- Developed a facial mask detection system using Neural Networks and MobileNetV2 to detect more than one person at a time that they are wearing masks or not.
- Fetches global updates of Covid-19 cases using Web Scraping.

Yoga Pose Classification using Deep Learning
- Developed a yoga pose classification system using a Deep Learning model and a two-step joint coordinate classification model.
- Link for the Project: https://github.com/Arijit1000/Yoga-Pose-Classification

ACHIEVEMENTS

Lead a Developer Community of more than 5000 people.

Spoke at different events as a Developer Advocate.

Contributed to open source projects and also contributed to global projects of international research organizations.