Nikhil Dugar

Software Engineer

I enjoy programming and solving problems. I prefer working in a team where I have an opportunity to grow my skills .

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EDUCATION

B. Tech. CSE GPA: 7.86 GPA
NIIT UNIVERSITY

2017 - 2021

CGPA
○ 7.86 GPA

High School Graduate
BHARTIYA VIDYA MANDIR

Marks
○ 77%

TRAINING

Machine Learning (06/2019 - 09/2019)
○ **Understanding Machine Learning on Octave.(Coursera)**

Python for Data Science (10/2019)
○ **4 weeks of learning Python and various machine learning techniques.(Swayam)**

Getting Started With AWS Machine Learning
(12/2019 - 01/2020)
○ **Learned how-to deploy machine learning models on AWS. (Coursera)**

Neural Networks and Deep Learning
(04/2020 - 05/2020)
○ **Building neural networks from scratch in Python. (Coursera)**

SKILLS

Python | Matlab | Tensorflow | Scikit-Learn
MySQL | Pytorch | Open CV | Java | HTML
Selenium | Beautiful Soup 4

PROJECTS

Job Scraper (Python)
A solo python based application that takes skill/type of job as input and a location of the job (optional) to search and parses through all the results on sites like naukri .com, monster .com, and indeed .com.

Fraudulent website detector (Python, SkLearn, Flask)
This project is a web app wherein a user can add a URL and get to know if that site is unsafe. I employed a Logistic Regression model that uses 14 traits of fraudulent websites for detection and is easily scalable to add more features.

Database system for a sports club (MySQL)
MySQL database to handle number of employees, products, customers, etc. of a sports club.

Universal Safety Button(Java, Android Studio)
Group project. Android app that alerts 5 people from the user's contacts and calls one person at the press of a button. Sends out the user's location. My role was mainly designing how the app looks and feels using Android Studio.

Disaster Simulation (C#, Unity)
A Unity-based application that simulates an earthquake. We used PhysX to simulate the effects required. And then converted that into an Android apk for a free VR experience.

Image Dataset Maker(Python, bs4, selenium)
This program uses web scraping to download images from google image search instantly and can be helpful in making image datasets. This uses bs4 and Selenium to scroll the webpage and get more images.

LANGUAGES

English
Full Professional Proficiency

Hindi
Full Professional Proficiency

Bengali
Limited Working Proficiency

Spanish
Elementary Proficiency

INTERESTS

Chess | Stamp Collection | Cricket