

# Shubham Yadav

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## EDUCATION

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- **ABES Institute of Technology** Ghaziabad, India  
*Bachelor of Engineering in Computer Science and Engineering; Current Aggregate: 74% Aug. 2018 - May. 2022 (Expected)*

## WORK EXPERIENCE

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- **Artyvis Technologies Pvt. Ltd.** Kolkata, India  
*Python Developer Intern* Dec 2021 - Present
  - Responsible for creating spiders for different websites using Scrapy and Selenium.
  - Collecting data through spiders and perform data processing.
  - Writing data mapping scripts using Python.
  - Adding processed data on MongoDB Database.
  - Also, using REST APIs for collecting data.
- **Indian Equity Market** Mumbai, India  
*Data Analyst Intern* July 2021 - Oct 2021
  - Maintaining or Creating Python-based web scrapper using Selenium.
  - Doing Data Cleaning and Analytics on the generated data.
  - Data Extraction from PDF files and preparing Excel sheets of the collected data.
  - Building Pipeline for Code Automation using AWS Lambda, AWS ECR and S3 Storage.
  - Also, doing other ad-hoc information gathering or analysis.
- **S759Labs Technology LLP** Pune, India  
*Data Engineering Intern* March 2021 - June 2021
  - Creating Web scrapper for collecting data using Scrapy and Selenium.
  - Conduct complex data analysis and report on results.
  - Extraction of data from PDF files.
  - Adding Collected Data to PostgreSQL Database.
- **TalentCruz** Delhi, India  
*Backend Developer* Jul. 2020 - Oct. 2020
  - Started a venture when I was a sophomore.
  - Integration of the front-end with Backend using Django and Developing ideas for features.
  - Responsible for the development of the database management and other backend scripting tasks.
  - Also, Integration of Payment APIs of razorpay.

## PROJECTS

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- **Saksham Kisan**  
A web and mobile-based platform where a farmer can get a one-stop solution for all his needs. Facilities like selling crops via auction, buying fertilizers and irrigation products etc. This project was for Smart India Hackathon.
- **Student Management REST APIs**  
The Student management project is about the management of the student data and teachers data which include profile of student and teachers. It include the student management in form of REST APIs using Django Rest Framework which can be used for creating frontend.

- **Quiz Application REST APIs**

In this project I have created an REST API using Django Rest Framework for a quiz application in which we can create multiple categories of quizzes and can add questions in that Quizzes.

- **Amazon Review's Prediction**

In this project I have working with a dataset that contains a 5 crore sample of data.. By using this dataset I have created two models Naive Baye's Classifier and Logistic Regression for prediction of the review whether the review is helpful for the users or not.

- **SMS Spam Classifier**

In this project I have created a model which tells whether the giving message is spam (fake message) or ham (real message), for this I have to created two classification model Logistic Regression and Naive Bayes.

- **Facebook Bot**

In this project I have created a bot using selenium, which can perform different actions on the website. It can login, send friend request, update profile and comment on friends latest timeline.

- **Data Analysis on IPL Dataset**

This Project shows the Data Analysis of the IPL dataset of each year as per Match and the each ball played by batsman.It also shows the statistical analysis on different features of the dataset. It also includes the visualization of the different features.

- **Titanic Passenger Survival Prediction**

In this project we have working with a dataset that contains a 891 sample of training data of and 418 samples of testing dataset. By using this dataset I have created two models Decision Tree Classifier and Random Forest Classifier for prediction of the survival of passengers which were present on the titanic ship.

## PROGRAMMING SKILLS

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- **Languages:** Python, Javascript, C++, C
- **Framework:** Django, Flask, Firebase
- **DevOps:** Amazon Web Services, Docker
- **Version Control:** Git
- **Databases:** MySQL, PostgreSQL, MongoDB
- **OS:** Linux, Windows
- **Testing:** Selenium, Scrapy

## SELECTED COURSEWORK

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- Machine Learning
- Natural Language Processing (NLP)
- Data Structure
- Design and Analysis of Algorithms.
- Database Management System (DBMS)

## EXTRA CURRICULAR ACTIVITIES

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- Grand Finalist in **Smart India Hackathon 2020 (Software Edition)**
- Winner of **Internal Hackathon at ABESIT of SIH 2020 (Software Edition)**
- Participated in **ABESIT Hactovate 1.0 2019**