Ashutosh Tiwari

Data Engineer

Continuous learner who has the courage to approach unexplored challenges.

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github.com/AshTiwari ○

stackoverflow.com/users/10437110/ash

WORK EXPERIENCE

DATA Engineer
LTI - Larsen & Toubro Infotech

06/2021 - Present

Tasks

- Working with TALEND Tool for ETL process in Data Warehouse.
- Trained in Python, MsSQL, Oracle, Power BI, Snowflake
- Trained in Data Warehousing, OLAP, OLTP and ETL & ELT process.

Project Leader
Phi Education

01/2020 - 11/2020   *Thane*

Comparative Analysis of Different Machine Learning Algorithms for Twitter Sentiment Analysis

Achievements/Tasks

- Led a team to build a Twitter Sentiment Analysis application from scratch.
- Implemented pre-processor and ML algorithms, found HyperParameter, performed Validation Testing, and Final Testing.

Software Development Engineer
Freelancer

01/2019 - 01/2020   *Mumbai*

Created software applications for businesses.

Achievements/Tasks

- Developed RPA applications to perform repetitive manual tasks to reduce the time and cost of the company.

EDUCATION

B.E Information Technology
Mumbai University ⬀

07/2017 - 06/2021   *Average CGPA: 8.78*

HSC
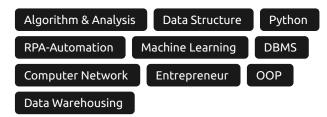Maharashtra State Board ⬀

07/2015 - 05/2016   *Percentage: 73.08 %*

SSC
Maharashtra State Board ⬀

07/2013 - 05/2014   *Percentage: 90.2 %*

TECHNICAL SKILLS

`Algorithm & Analysis` `Data Structure` `Python`
`RPA-Automation` `Machine Learning` `DBMS`
`Computer Network` `Entrepreneur` `OOP`
`Data Warehousing`

PROJECTS

Image Compression

- Used K-means algorithm to decrease the size of the image.
- Created 16 clusters and replaced each of the16 million possible colors with the color of the cluster it belongs to.

Robotic Process Automation ⬀

- Developed an application to automate the task of sending messages.
- Developed an application to automate the task of reading an excel file and sending a structured email.

IOT based Weather Monitoring System

- Connected NodeMcu and sensors to the Arduino IDE software.
- Collected data in Arduino IDE and uploaded to Firebase Cloud.
- Developed a Django based Website to access the data from Firebase Cloud and hosted the website on the Heroku server.

ACHIEVEMENTS

Google Explore ML (10/2019) ⬀
Received Google Certificate for successfully completing the Explore ML Workshop.

Network Associate Security (02/2020) ⬀
Successfully completed workshop on Network Associate Security and received a letter of Appreciation as the best performing candidate throughout the workshop.

SKILLS

`Dynamic` `Leadership` `Good Communication`
`Adaptability` `Public Speaking` `Mentorship`
`Problem-Solving` `Team-Spirit`