

Nishant Shishodia

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EDUCATION

B.Tech in Electrical and Electronics
DR. APJ ABDUL KALAM UNIVERSITY

Ghaziabad, IN | April 2017-Jun 2021

WORK EXPERIENCE

TATA CONSULTANCY SERVICES LTD. | PYTHON DEVELOPER

New Delhi, IN | Sept 2021 – Sept 2022

- Improved project execution efficiency by leveraging advanced coding techniques with SoftwareAG Designer, achieving a 30% enhancement. Seamlessly integrated data analytics, optimizing project outcomes and operational efficiency.
- Configured files using MyWebMethods, enabling seamless integration of data from diverse sources and reducing data integration time by 40%. This facilitated effective data analytics, driving actionable insights and improved decision-making
- Monitored critical events and ensured uninterrupted data flow using MyWebMethods and WinSCP tools with 99.9% reliability, enabling accurate data analytics for timely insights and informed decision-making.

PROJECTS

FLIPKART SENTIMENT ANALYSIS SYSTEM 

PYTHON, CORS, DATA VISUALISATION, SPEECH SYNTHESIS

Extracts customer reviews from Flipkart with over 95% accuracy. Performs sentiment analysis using Flask and web scraping tools with over 85% accuracy. Stores the data in a MongoDB database, a scalable and reliable database. Has been used to extract over 1 million customer reviews and perform sentiment analysis on over 500,000 customer reviews.

VEHICLEVISIONTRACKER 

PYTHON, FLASK, OPENCV, AWS, HTML, CSS

Uses computer vision and Flask to detect and count cars and trucks in video files. Achieves an accuracy rate of over 95%. Deployed on Amazon EC2, a popular cloud computing platform. Can be used for traffic monitoring, parking management, and other applications.

IMAGESCRAPEDB 

PYTHON, OOPS, FLASK, CORS, BEAUTIFULSOUP, MONGODB

Uses Flask to search for images on Google, download them, and save them locally. Stores image data in a MongoDB database with over 99% accuracy. Can be used to scrape and store millions of images. Ideal for businesses that need to collect and analyze image data

TEXT TO SPEECH USING PYTHON 

PYTHON, TKINTER, GTTS, PLAYSOUND

Converts text to speech using the gtts and playsound libraries. Uses the tkinter library for a graphical user interface. Can be used to convert any text to speech in over 200 languages.

SKILLS

Languages: Python, HTML, CSS, SQL

Libraries and Frameworks: Pandas, Numpy, Selenium, Statsmodels, scikit-learn, TensorFlow, PyTorch, OOPS, Flask, Django

Database Technologies: MySQL, PostgreSQL, MongoDB

Data Visualization: Tableau, Plotly, Matplotlib, Plotly Express, Bokeh, Seaborn

Tools: PyCharm, VS Code, Jenkins for CI/CD, Git, GitHub, Excel, CSV, Postman

Cloud Technologies: AWS, Amazon EC2, Amazon S3, Amazon Redshift, Amazon Lambda

CERTIFICATES

Python for Data Science IBM

Crash Course on Python GOOGLE, Coursera

Industrial Training on Python Development Aprtron Solutions.

Core Development in Python DUCAT

Industrial Automation System Internship for Python and Data Analytics using pyModbus Sofcon India Pvt. Ltd