

PROFILE

With 3 years of software development and database querying hands-on experience, I have explored various programming languages and methodologies. I am a well organized & collaborative team player with strong communications skills & critical thinking.

LinkedIn:-

<https://www.linkedin.com/in/kajol-t-shah>

Github:- <https://github.com/kajolshah310>

SKILLS

Languages:- Python, R, C, C++, COBOL, CICS, JCL, HTML, CSS

Databases:- SQL, Db2, IDMS

Libraries:- NumPy, Pandas, Scikit-Learn, Matplotlib, TextBlob, Scipy, NLTK, Keras, TensorFlow, OpenCV

Machine Learning:- Regression, Clustering, Classification, CNN, RNN, LSTM

Computer Vision, Deep Learning, Natural Language Processing, Artificial Intelligence, Data Science, Data Analytics, Statistical Analysis, Data Visualization, ETL, OOP

Version Control:- Git, Bitbucket

Other:- Linux, Windows, MacOS, Jupyter Notebook, Google Colab, PyCharm, MS Excel, NodeXL

AWARDS/CERTIFICATIONS

- Data Science with Python - Udemy
- Microsoft Certified Azure Fundamentals
- Microsoft Certified Azure AI Fundamentals
- AGILE Entrepreneurial Award - Atos Syntel
- Quality Bronze Award - Atos Syntel
- Spot Recognition Awards - Atos Syntel

KAJOL T. SHAH



Software Developer

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EDUCATION

Illinois Institute of Technology Aug 2021 - May 2023
Masters in Artificial Intelligence - GPA - 3.50

Savitribai Phule Pune University July 2014 - June 2018
Bachelors in Computer Engineering - GPA - 3.28

WORK EXPERIENCE

Atos Syntel, India June 2018 - July 2021

Associate Consultant [Backend Developer]

- Performed **exploratory data analysis** on data from Humana's application and gained insights that helped our team achieve targets faster and resulted in saving 20% of our project cost
- Designed and effectively implemented the **database migration** process from IDMS to Db2
- Collaborated with cross-functional development team on designing & building of .NET & mainframe Humana application
- Developed optimized codes in COBOL with **0% defect leakage** in UAT and Production

PROJECTS

Multi-Collection Style Transfer Using CycleGAN - 2022

Devised a model to transfer multiple artistic styles of painters on real images using a Generative Adversarial Network.

Language:- Python(Keras, TensorFlow, OpenCV)

https://github.com/kajolshah310/Style_transfer_using_CycleGAN

Fake News Classification - 2022

Developed a model to detect fake news in social media and classify them using NLP and ML/DL techniques in Python (accuracy > 85%).

https://github.com/kajolshah310/fake_news_classification

Prediction of Mental Health Disorders in Teenagers - 2021

Implemented a supervised ML model based on DASS42 to predict the severity of mental health illnesses and achieved an accuracy of >95%.

Prediction of Hazardous Asteroids - 2021

Devised an ML model & trained it on NASA's dataset to predict whether it is hazardous or not (accuracy > 98%) in R.

Text Summarization Using Unsupervised Deep Learning - 2018

Designed a software in Python to scan any text or PDF document & generate its extractive summary to reduce its perusing time.

<https://medium.com/@kajolshah/how-can-you-summarize-a-document-even-without-reading-it-60c4a60d29d>