

Skills

**Languages :** Javascript / Node.js , Python , C/C++ , SQL

**Frameworks :** Django , Flask , Opencv ,Tensorflow , Pytorch , Pandas , Numpy . Scikit-learn , NLTK , Spacy

**Devops :** Windows/Linux/MacOs CL , Bash , Git / Version Control , CI/CD , Apache Airflow

**Platforms :** AWS - EC2 , S3 Bucket , RabbitMQ , Lambda functions , Sagemaker , GCP - Cloud functions , Heroku

**Datascience :** EDA , Supervised & Unsupervised Learning methods , Regression models , Statistical models , Clustering, NLP

Experience

TCS

<https://tcs.com/>

Machine Learning Engineer

Projects

Aadhaar

<https://myaadhaar.uidai.gov.in/>

- Trained our own latest YOLO model on the finger segmentation dataset to enhance its accuracy by 35%.
- Enhanced the TPS of the finger segmentation model by over 50% by converting it to a TensorRT model
- Trained our own age prediction model, which improved the accuracy by 43%, latency, & TPS by using the Triton server.

Bangalore , India

Dec 2022 - Present

Edvanza

<https://edvanza.com/>

Junior Machine Learning Engineer

Projects

Edvanza

- Salary Prediction:** Performed EDA, Model Training and Evaluation, Hyperparameter Tuning, and XGBoost deployment
- Skills Annotation:** Conducted EDA, Model Training and Evaluation, Hyperparameter Tuning, and BERT model deployment
- Topic Modelling:** Performed EDA, Model Training and Evaluation, Hyperparameter Tuning, & BERTopic model deployment
- Semantic Matching:** Worked on EDA, Model Training and Evaluation, Hyperparameter Tuning, LSTM model deployment
- Developed and executed data transformation, migration, and cleaning workflows using Apache Airflow involving DAGs.

Hyderabad , India

Aug 2021 - Oct 2022

SHC Technologies

<https://shctech.io>

Fullstack & Deep Learning Developer

Projects

Zeatool

<https://app.zeatool.com>

- Worked on Angular 8 , MongoDB , Express.js , Node.js for the development of the application
- Debugging and testing the functionality of the application
- Build and Deployed chatbot on our website using dialogflow

IOT

- Developing Skills for Amazon Alexa , Google Home and Deployment of skills on their Stores
- Deploying Google Firebase function incase of Google Home , aws lambda function incase of Alexa for Backend

Research & Development

- Prototyped Doctor Patient application , which simplies the ehr recording process using pytorch framework
- Developed Question Answering app , which gives answers to clients based on semantic similarity
- Developed Tweet Analysis app , which fetches tweets related covid and does sentiment analysis on those tweets

Hyderabad , India

Apr 2019 - Jul 2021

Education

Karpagam college of engineering

Bachelor of Engineering in Electronics and Communication Engineering ; GPA : 7.9

Coimbatore , Tamilnadu

Apr 2014 - Mar 2018

Courses & Certifications

Deep Learning Specialization

<https://coursera.org/share/2fc97a516e0d8510397053ff94e2fae8>

SQL For Data Science

<https://coursera.org/share/3c4362604b9e88eba549cfb6b52ecc0c>

AI For Medicine

<https://coursera.org/share/c4f8673987b62b29ec79c3d907987bd2>

Coursera

Jul 2021

Coursera

Aug 2021

Coursera

Jul 2022