

CAREER OBJECTIVE

Looking for a challenging role in a good organization to utilize my technical abilities for the boom of the enterprise in addition to to enhance my knowledge about new and rising tendencies in the Tech sector.

EDUCATION

Degree/Certificate	Institute/Board	CGPA / Percentage	Year
B.Tech (Computer Science and Engineering)	IIT, Palakkad	7.57 (Current)	2019-Present
Class XII	Sri Chaitanya	96%	2019
Class X	Triveni School	92%	2017

TECHNICAL SKILLS

- **Web - development**
Skills : MERN Stack, SQL, Django, SCSS, Flask, Bootstrap, Semantic UI, Material UI, UI Design, Sockets, AWS, FIrbase, Firestore, Amazon S3, Heroku and eager to learn more.
- **Natural Language Processing**
Can carry out textscraping , cleaning , pre-processing and train and examine machine learning models with the first-class performance
- **Computer Vision**
Can carry out image and video pre-processing, Object recognition, Object Tracking, Deeplearning and put into effect classification and realtime object tracking systems using open-cv
- **Blockchain Development**
Committed to developing practical blockchain applications based on Solidity, Web3js, Ganache and Truffle Suite
- **Data Science**
Can take care of imbalanced, grimy datasets and can carry out feature engineering, feature scaling, Model Training, Hyper Parameter Tuning and Cross Validations. Familiar with Dockers and Kubernetes which assist to set up version at scale
- **Deep Learning**
Proficient in mathematical context of operating of neural networks, optimizers and vadilation techniques as nicely as, can take leverage of python libraries along with Tensorflow and Keras to train and evaluate ANN, CNN, RNN and LTSM models
- **Machine Learning**
Proficient in mathematical heritage of numerous ML algorithms as properly as, can take leverage of python libraries together with sklearn and imblearn to enforce numerous algorithms

WORK EXPERIENCE

- **Full Stack Developer** Aug 2020 to Nov 2020
TVS Motor Corp
I developed a real-time dashboard interface, using Flask, React, and SQL to visualize the currently scanned

bike parts with classification scores from scratch for 1 month. In the next 2 months, I developed an integrated employee interface for multiple machines to continuously read and analyze metrics in order to record various operations performed in parallel using Django, React, and SQL in the workplace. [Link](#)

- **Frontend Developer** Jan 2021 to Mar 2021
Survey Buddy
Built an User Authentication system along with UI Design, Twilio API (for OTP generation) , Google Authentication API and custom encrypted authentication system within 10-12 days. Built a real-time Survey Responses coding framework where a user can input their survey responses and assign a common codeword to multiple responses in turn converting the survey responses into a valuable dataset with the help of Sockets, MongoDB, Amazon S3 for file storage, ExpressJS, NodeJS and React and hosted in on AWS server. [Link](#)

PROJECTS

- **Anomaly Detection with Autoregressive Integrated Moving Average Model** Jun 2021 to Jul 2021
It suggests that to sight threats to our systems that will cause damage in terms of security and leak of vital information. The importance of Anomaly Detection isn't restricted to security, however it's used for detection of any event that doesn't adapt to our expectations. [Link](#)
- **Complete realtime E-Commerce Website** Jan 2021 to Mar 2021
Built on ReactJS, Firebase, Realtime Cloud Firestore, Google Authentication, Advanced Redux (Redux, Redux Saga and Redux Thunk) , Material UI, SASS, Styled-Components and payment Gateway is carried out using Stripe API. [Link](#)
- **Traffic Sign Recognition** Mar 2021 to May 2021
I used imbalanced German Traffic Sign Recognition Dataset, which incorporates extra than 50,000 pix in addition classied into forty three exceptional classes. I took leverage of VGG16 Model and carried out adjustments on it to attain a testing multi-class classification accuracy of 96% [Link](#)
- **World's Fastest Pose Detection** May 2021 to Jun 2021
Leveraged MoveNet50 Deep Learning Model developed by Tensorflow-hub that at the moment is that the world' quickest body landmarks estimating model to form a Flask app [Link](#)
- **Heart Disease Predictor** Jan 2020 to Mar 2021
The imbalanced Dataset used for this challenge carries seventy six unbiased attributes. I performed diverse Feature Engineering strategies and preprocessed the dataset to make it balanced. A Machine Learning Models is constructed on Logistic Regression. The very last product's deployment is accomplished on heroku [Link](#)
- **Spotify Clone** Jan 2021 to Jan 2021
This challenge is the re-advent of Spotify Web Player UI with Spotify Authentication API, Firebase, Material UI, ReactJS and Redux. [Link](#)
- **SMS spam detector** Jan 2021 to Jan 2021
This is a binary classication problem statement solved the use of an imbalanced kaggle dataset. The sms textual content is cleaned and preprocessed with the use of NLTK, cross validated using sklearn and constructed a classification model primarily based on Naive Bayes. The very last product's deployment is executed on heroku [Link](#)
- **Image Based Search Engine** Aug 2020 to Jan 2021
A Search Engine that takes an image as an input and outputs images similar to that one. Built On – Tensorow, Flask and Flickr_8k Dataset for training the search engine. [Link](#)
- **Rock_Paper_scissors_Game using OpenCV** Dec 2020 to Dec 2021
The challenge captures the video via the webcam and identifies what the participant who is making an attempt to show (Rock or Paper or Scissors or invalid) with the assist of openCV library and thus, the python code offers the gameplay among the participant and computer. [Link](#)

- **Intel Image Classification Image Scene Classification of Multiclass** Dec 2020 to Dec 2020
This is photo facts of Natural Scenes across the world. This Data includes round 25,000 pics of length 150x150 allotted beneath 6 categories. There are round 14k pics in Train, 3k in Test and 7k in Prediction.
[Link](#)
- **Whatsapp - Clone** Nov 2020 to Dec 2020
This project is the result of my enthusiastic research on the latest technologies such as React, Firebase, Realtime Cloud Firestore, Material UI, and Google Authentication.
[Link](#)

POSITIONS OF RESPONSIBILITY

- **Alumni Cell Communication Manager 21-22**
- **Career Development Centre Coordinator 21-22**
- **Shutterbug Club Head 20-21**
I was selected as the head of the photography club in 2021, and in the case of corona, I managed to organize and supervise several competitions among the students in our college. MY SKILLS : Adobe Photoshop , Adobe Premiere, Adobe Lightroom .

ACHIEVEMENTS

- **Won the first place in the Tech Day Full Stack Development competition**
Won the first place in the full-stack development competition of the college's Tech Fest.

EXTRA CURRICULAR ACTIVITIES

- **Competitive Coder**
I practice Competitive coding to boost speed and accuracy and thrive to implement data structures and algorithms in numerous scenarios
- **DAC (Data Analytics Club) Member**
Member of the Institute's Data Analysis Club.
- **Participant in YACC (Yet Another Coding Club)**
Participated and helped in organising programming contests among the institute.
- **Alumni Cell - Design Team Member**
Designer at Alumni Cell
- **Alumni Cell - Web App Development Team Member**
Web Developer at Alumni Cell
- **Director Of Photography (DOP)**
Worked as a DOP for a short-film .
- **Cultural-Meet 4.0**
Participated in Drama, Dance , Film Making and Photography in Cultural-Meet 4.0 held at IIT Bombay