Kartikey Shaurya

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GitHub: https://github.com/kartikeyshaurya
Portfolio: https://kartikeyshaurya.github.io

An independent and self-motivated student with ability in developing the data-oriented solution using different ML and Deep Learning techniques by creating web application or by implementing in android app. I have also participated in various competition of data science hackathon or competition for solving real world problem. Recognized by professors, colleagues and peers as a personable, dedicated performer who demonstrate innovation, communication, and teamwork to ensure quality, timely project completion.

PROJECT & COMPETITIONS

Disaster Management System

Developed an **NLP** model to categorize the message in real time. We developed a web **API** which took the input and categories whether the upcoming message is relevant for rescue and restoration team and make their job relatively easy.
*Tech Stack - **Python**, **TensorFlow (RNN)**, **Heruko***
Link: https://github.com/kartikeyshaurya/Disaster_management_sysytem

Forest Fire Detection

Built an **CNN**-based predictor to identify the potential FIRE in the forest subject to the varying severity of **forest fire**
The predictor helped in speeding up the rescue and restoration process, and in identifying the forest fire.
*Tech Stack - **Python, TensorFlow (CNN), Streamlit***
Link: https://github.com/kartikeyshaurya/fire_prediction

Self-Driving Car

Steering Angle Prediction
Developed a Deep Learning model to predict a steering angle based on **CNN** and Nvidia open-source paper.
Link: https://github.com/kartikeyshaurya/SDV
*Tech Stack - **Python, TensorFlow (CNN), Flask***

Udacity ML Comp.

Possible Charity Donor Identification | https://www.kaggle.com/c/udacity-mlcharity-competition
Applied supervised learning techniques on data collected for the U.S. census to help **CharityML** (a fictitious charity organization) to identify people most likely to donate to their cause
Tech Stack – **Python**, **Machine Learning**
Link: https://www.kaggle.com/kartikeyshaurya/competitions

AI-Enabled B2B Invoice Management Application

Developing a Full Stack application both Frontend And Backend for managing the invoice and also make prediction on delay.
Tech Stack - **Python, Sklearn , Java Servlet , Html , CSS , React**
Link: In Progress

SKILLS

Competencies

Machine Learning - employment of several core machine learning algorithms: classification or regression
Deep Learning - Understanding of modern algorithm such as **CNN**, **GAN** or **RNN**
Web Development - Familiarity with **HTML**, **CSS** and **Bootstrap**.
Deployment Tools - **Heruko, Streamlit , AWS Sagemaker, Git** and **Docker**.
Programming Skill - **Python, Computer Vision , ML, SQL , TensorFlow**.

EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2019-current	*B. TECH*	*Lovely Professional University*	*7.1 / 10*
2018	*All India Senior School Certificate Examination*	*Little Flower House, Varanasi, Uttar Pradesh*	*71.20%*
2016	*All India Senior School Certificate Examination*	*St. Xavier International School, Bhubaneswar*	*10 CGPA*

EXTRA CURRICULARS & ACHIEVEMENTS

* **Kaggle Competition contributor -** Ranked among Top 10 % Kaggler's worldwide

* **Udacity Scholar** – 1 out of 300 students to receive 100% free scholarship for Udacity deep learning 2020

* **Coursera -** Did Some Extra Course here just to understand more machine learning.

* **Core Organizing Member | DUT** - **Lead** a team of 40 students team members from LPU.

* **Athlete** - Into different sports, some of them are Weightlifting, Badminton, Cricket, chess ..

* **Contributors** – Worked part time in NGO's as web developer for upliftment of their product in korba , Chhattisgarh

* **Open-Source Contributor** – Joined Focal-Foosia as an developer in 2022.