# KARTIKEY SHAURYA

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**GitHub | Linkedin**

## EDUCATION

**Lovely Professional University**                                          Phagwara, Punjab
B.Tech Computer Science *GPA: 7.2*                                     July 2019 - July 2023

**Little Flower House**                                                Varanasi, Uttar Pardesh
Intermediate Science *GPA: 71.2 %*                                       May 2016 - May 2018

**St. Xavier International School**                                      Bhubneshwar, Orissa
Secondary School Secondary *GPA: 10*                                   July 2015 - July 2016

## SKILLS

| | |
|---|---|
| Programming Languages: | Python, JavaScript |
| Libraries/Frameworks: | Flask, Matplotlib, Pandas, React, Sqlearn, Tensorflow |
| Tools / Platforms: | Heruko, Streamlit, Git and Docker |
| Databases: | SQL, PostgreSQL |

## PROJECTS / OPEN-SOURCE

**Disaster Management System | Link**                        *Python, TensorFlow (RNN), Heruko*
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.

**Forest Fire Detection | Link**                            *Python, TensorFlow (CNN), Streamlit*
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

**Self-Driving Car | Link**                                    *Python, TensorFlow (CNN), Flask*
Steering Angle Prediction Developed a Deep Learning model to predict a steering angle based on CNN and Nvidia open-source paper.

**Udacity ML Comp. | Link**                                         *Python, Machine Learning*
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

**AI-Enabled B2B Invoice Management Application | Link**   *Python, Sklearn, Java Servlet, Html, CSS, React*
Developing a Full Stack application both Frontend And Backend for managing the invoice and also make prediction on delay.

## CERTIFICATIONS

- AWS Machine Learning Foundation - **Udacity**
- Fundamental of Deep Learning - **Nvidia**
- Deep Learning - **Udacity**

## HONORS & AWARDS

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

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