SARANG NAGPAL

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SKILLS & ABILITIES

Web Development : React, Node, Express, API, Web Encryption

Machine Learning and Data Science : Python, Tensorflow, Keras, pandas, numpy

DataBase : MongoDB (NoSQL), MySQL

Others : Competitive Programming, Git, Blockchain basics

EXPERIENCE

Machine Learning Intern

Tvishtryon Solutions Pvt. Ltd.   **July 2021 –Sept 2021**

Tvish is an e-commerce startup that uses various ML algorithms to improve User Experience.

- Built Strateries to implement cutting edge Machine Learning algorithms on Image Processing, **Pose Estimation** and **Object Detection**.
- Worked with various **Deep Learning** Models and evaluated their computablity on moblie devices increasing the user base by atleast **40%**.

PERSONAL PROJECTS

NeuroEvolution FlappyBird   II [Github](#) I [Live](#) II

- Built a clone of the famous game Flappy Bird using p5.js **Computer Graphics** in JavaScript.
- Added the ability for the game to teach itself to play using standard **Genetic Algorithm** and **NeuroEvolution**.

Web Portfolio   II [Live](#) II

- A simple portfolio webpage that demonstrates all the projects and hosts them.

EDUCATION

B.Tech - National Institute of Technology, Warangal   2019 - 2023

Electronics and Communication Engineering   *CGPA – 7.3*

- Problem Solving using Computer Programming
- Data Structures and Algorithms