

Sneh Sagar

Harda, Madhya Pradesh, India

☎ (+91) 9039116603 | ✉ snehsagarajput@gmail.com | 🏠 TO-DO | 📷 [snehsagarajput](#) | 🌐 [snehsagarajput](#)

Skills

Programming	C, C++, Python
Front-end	HTML, CSS, JavaScript, ReactJS
Frameworks	React-Native, Tensorflow
Tools/Platforms	GitHub, VS-Code, Google-Colab
Other	My SQL, Embedded Board Development
Languages	English, Hindi

Education

Kalinga Institute of Industrial Technology

Bhubaneswar, Odisha

B.TECH. IN ELECTRONICS AND TELECOMMUNICATION ENGINEERING

07/2017 - Present

- 9.19 CGPA

Holy Faith Child Red Cross H.S. School

Harda, Madhya Pradesh

HIGHER SECONDARY

07/2014 - 05/2016

- 89.2%

The Hukumchand Memorial Co-Ed School

Harda, Madhya Pradesh

HIGH SCHOOL

07/2013 - 05/2014

- 89.3%

Projects

SUDOKU SOLVER ANDROID APP

- Developed an Android Application with React-Native.
- Implemented a newer mixed algorithm which can extract Sudoku Puzzle from an image.
- Implemented algorithm is faster and accurate than most of the existing algorithms.
- Implemented backtracking and combination based algorithms to solve extracted Sudoku.

NEURAL STYLE TRANSFER WEB APP

- Implemented the research paper "Perceptual Losses for Real- Time Style Transfer and Super-Resolution" by Johnson et al.
- Developed an Web Application with ReactJS Front-end.
- Trained a Neural Network which can manipulate digital images in order to adopt the appearance or visual style of other images.
- Deployed the trained model on a Flask Server.

ALERT SYSTEM FOR MAINTAINING SOCIAL DISTANCING AND FACE MASK DETECTION

- Created a solution to identify if people are wearing face masks and following social distancing norms.
- Used state of art algorithm YOLO (You Only Look Once) Version 4 to generate the deep learning model.
- The platform can generate notifications to warn if anyone is found violating norms.

Honors and Positions

2015 **2nd Position**, Global Humanitarian Technology Exhibition - 2015

2018 **Member**, KIIT Robotics Society

Certifications

- **Machine Learning**
- **Deep Learning Specialization**