Saurabh Kumar Singh

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Education

IIIT Naya Raipur   *73.88%*
B.TECH IN COMPUTER SCIENCE AND ENGINEERING   *Aug 2016 - 2020*

Dhata Inter College, Fatehpur   *95.6%*
BOARD OF HIGH SCHOOL AND INTERMEDIATE EDUCATION UTTAR PRADESH   *2015*

Work Experience

Smartcow Co. ltd, Hyderabad (IVA Engineer)
DOCKER, CUDA, GSTREAMER, GLIB, NVIDIA-JETSON, MACHINE VISION INTERFACE,   *Jan 2020 - Oct 2020*
- Worked with a team for developing IVA Application on a large scale, Integrated with cloud services, experienced with GStreamer, glib, OpenCV, CUDA, TensorRT, nvprof etc.

CodeVector Labs LLP, Raipur (AI Research Intern)
OPENCV, COMPUTER VISION, OBJECT DETECTION, OBJECT SEGMENTATION   *Jun 2019 - Aug 2019*
- Worked on Object Detection(YOLO) , Object Segmentation(R-CNN, Mask R-CNN) and other computer vision techniques for custom dataset in Cricket.

National Health Mission Chhattisgarh (Android Dev Intern)
ANDROID STUDIO, FIREBASE   *Sep 2018 - Dec 2018*
- Developed a health awareness app **Hamar Swasthya** which serves information in hindi related to recent prevalent disease, healthcare suggestions etc.

Projects

Multi-Label Classification on Street Fashion Dataset (Modanet)
KERAS, OPENCV, DEEP LEARNING, COMPUTER VISION   *Jan 2019 - May 2019*
- Performed object detection, segmentation and polygon detection to classify the clothes in an image. The dataset provides multiple polygon annotations for each image,associated with 13 meta fashion categories.

Admission Query Chatbot
HTML, RIVESCRIPT   *Aug 2018 - Dec 2018*
- Developed a ChatBot which uses RiveScript and Node server and answer the admission related queries. RiveScript is a scripting language for building up a chatterbots's intelligence.

Healthcare Management System
HTML, DJANGO, MYSQL   *Jan 2017 - May 2017*
- Developed a healthcare management system - (web application) for both Doctors and Patients. Patients can book appointments and Doctors can track the records of patients and schedule the appointments.

Institute Weather Monitoring And Logging System
ARDUINO, DHT11 SENSOR   *Mar 2017 - May 2017*
- Developed a prototype to capture weather around institute and storing it in MySQL database via serial communication then accessing it to XAMPP server.

Skills and Interests

SKILLS SET	AREAS OF INTERESTS
Languages: C/C++, Python **mySQL, Apache Kafka, AWS**	**Cloud Technologies, Docker** **Database , Backend Developement**

Scholastic Achievements

2019 **Industry Academia Meet-2019, IIITNR** (Secured **Runner UP** position)

2015 **Medhavi Chhatra Samman** (Secured **8th** Rank in State in Intermediate)

Major Courses

Deep Learning, Artificial Intelligence, Computer Vision, OOPS
Data Science, Machine Learning, Data Structure and Algorithms