

SIRAT SINGH ANAND

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OBJECTIVE

To work with an organization where I can learn new skills and increase my abilities for the organizational goals as well as myself. I hope to learn and explore new opportunities and get the experience of corporate world.

EDUCATION

Course / Examination	Institution/University	Year of Passing	Performance
Bachelor of Technology (Computer Science)	Manipal University Jaipur (MUJ)	2024	8.90 (Till 6 th Sem)
AISSCE(Science)/CBSE Class 12 th	DPS RK Puram (New Delhi)	2020	94% (470/500)
AISSE/CBSE Class 10 th	DPS RK Puram (New Delhi)	2018	91%

WORK EXPERIENCE

Simtrak Solutions | Full stack web development Intern

Jan 2023-May 2023

- Worked with the development team to enhance the simtrak main website, debug the problems in code, learnt php and its implementation, created dynamic forms, learnt how to link the database and learnt about XAAMP server. It was an online/remote internship.

WictroniX | Full stack developer Intern

Jun 2023-Aug 2023

- Worked on building/cloning a website similar to Indiamart for the client.
- Optimized the website by improving its performance and accessibility. Learnt about backend frameworks.
- Worked on building and designing a website for Birla Sarvajani Hospital.

SKILLS SUMMARY

Tools & Programming languages: MySQL, Git, CSS, HTML, JavaScript, PHP, python, Java, C++, C, MATLAB.

Soft Skills: Effective communication, critical thinking, problem solving, Teamwork.

Frameworks and Libraries: Node, React, Bootstrap, TensorFlow, Keras, PyTorch, NLTK, OpenCV.

PROJECTS

- Library Management System (LMS) Website([Link](#))** - LMS is a system for library resource planning, used to access the documents held, orders, payment or lending all made by the clients. This mini project is made using HTML, CSS, JavaScript, PHP. The admin can manage the students and accept/reject issue requests of the students. The students can send issue request to the admin and receive the response.
- Voice and Text based Chatbot (Minor Project)([Link](#))** - This is a project recommending chatbot system which recommends project to final and pre final year student, it guides them as to which project they should select according to their fields of interest. I have used speech recognition, pyAudio, pyttsx3, nltk, chatterbot and other tools to build this chatbot application.

CERTIFICATIONS

Object Oriented Programming in Java (UC San Diego) | Python for Data Science (NPTEL) |

Cisco CCNA Certification | Git Fundamentals (Progate) | Full Stack Web Development (Coding Ninjas) | Database Foundation Course (Oracle) | Data Structures and Algorithms (Coding Ninjas)

ACHIEVEMENTS

- Received highest Grade Point Average in Fifth Semester and Excellence in academics award.

RESEARCH PUBLICATIONS

Face Mask Detection using CNN VGG16 with improved accuracy([Link](#))([Code](#)) - Research based project that uses a CNN VGG16 model to detect whether a person is wearing a mask or not with an improved accuracy. The accuracy of the model is 96% and the python libraries used are OpenCV, Keras, TensorFlow. The research article is published on Zenodo.org.