

SAI NIKHIL CHANUMOLU

Student

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EDUCATION

Bachelor of Technology MLR Institute of Technology

06/2018 - 06/2022

Hyderabad

Courses

- Information Technology
- 7.37 CGPA

High School Narayana Junior College

06/2016 - 05/2018

Hyderabad

Courses

- Maths, Physics, Chemistry (MPC)
- 80.3 %

High School Nagarjuna High School

06/2015 - 05/2016

Hyderabad

Grade

- 9.2 CGPA

INTERSHIPS

Web Developer Intern Business Web Solutions · Internship

11/2022 - 01/2023

Remote

Achievements/Tasks

- Collaborated with the frontend development team on various projects, where the team developed web applications for the client.
- Redesigned and Redeveloped the official website of the company from scratch which improved the loading speed of the website by 12%.
- Transformed a web application into a single page website using ReactJs.
- Built fully responsive website using pure CSS and Bootstrap.

Skills : Bootstrap · React.js · HTML5 · Cascading Style Sheets (CSS) · JavaScript

Advanced Software Engineering Virtual Experience

Walmart USA (Present)

Virtual

Achievements/Tasks

- Implemented a novel version of a heap.
- Designed a system which satisfies complex business requirements.
- Designed a relational database to satisfy a complex collection of requirements.
- Populated a database with a large quantity of data in disparate formats.

Skills : Java · Data Structures · UML · SQL · RDD · Python

UG COURSEWORK

Data Structures

Design and Analysis of Algorithms

Database Management System

Object Oriented Programming

Python

Computer Organization and Architecture

Computer Network

Operating Systems

PROJECTS

Students Live Behavior Monitoring in Online Classes (01/2022 - 05/2022)

- Used YOLOv3 algorithm to observe the student's behavioral actions in the class.
- Used 68 point mappings in openCV to detect the facial landmarks.
- Detected Facial landmarks by the MediaPipe method (3D model), to calculate the tilt angle of the head, yawn, and eyelid movement, and the error rate is very low.

Handwritten Digit Recognition using Machine Learning (08/2021 - 12/2021)

- Used the Scikit Learn library (Python) to implement a Handwritten Digit Recognition System.
- Trained models using algorithms like Neural Networks, Logistic Regression and k-NN.
- Implemented regularization to avoid over fitting.

SKILLS

C

Java

Python

HTML & CSS , JavaScript

Tools: Git | GitHub | Maven | VS Code | MS Office

CERTIFICATES

Programming for Everybody (Getting Started with Python) (05/2020)

[University of Michigan \(Coursera\)](#)

Java (Basic) Certificate (12/2022)

[HackerRank](#)

Python (Basic) Certificate (12/2022)

[HackerRank](#)

INTERESTS

Meditation

Reading

Solving Puzzle Games

Beatboxing

Guitar

Photography