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About

I am an Undergraduate Student pursuing Computer Science and Engineering interested in Web Development, Machine Learning, Data Science and Programming.

Education

- **Sri Sivasubramaniya Nadar College of Engineering**   Chennai
  B.E. Computer Science and Engineering; Affiliated to Anna University; GPA: 8.15 (5 semesters) 2017 – 2021
    - **Activities & Societies:** Competitive Programming Club, Google Developer Student Club

- **DAV Public School**   Chennai
  High School: Computer Science; CBSE; Class X 10 CGPA; Class XII 93.6% (468/500)   2003 – 2017
    - **Activities & Societies:** Math Club, English Club, Creative Writing, Science Quiz
    - **Sports:** Volleyball, Football, Badminton

Experience

- **National Centre for Coastal Research**   Chennai
  Web development Intern   Apr.2019 - May.2019
    - **Front-End Development:** Worked on a project that required me to develop a dashboard user-interface for an application that the organization was developing.

- **Tesark Technologies**   Chennai
  Student Intern   Dec.2019 - Jan.2020
    - **Full-Stack Development:** Learnt the fundamentals of Ruby and Rails the framework built on Ruby. Worked on re-designing a few webpages that uses Ruby on Rails and ReactJS.

- **Intellify**   Delhi
  Work-from-home Intern   Dec.2019 - Jan.2020
    - **Subject Matter Expert:** Created new questions and answers in Quantitative reasoning of different difficulty levels for school students.

Skills

- **Machine Learning:** Octave,Python

- **Languages:** Python, C, C++, Java, HTML, CSS, SQL, Javascript, Ruby

- **Frameworks:** Pandas, Rails, ReactJS, Flask, ExpressJS

- **Other software skills:** LaTeX, Microsoft Office, Google Cloud Platform

- **Soft Skills:** Leadership, Communication, Problem Solving, Flexible & Adaptible

Projects and Research

- **Pneumonia Prediction using Chest X-Ray (Sep.2019):** An Application that allows the patients to upload their chest X-Ray in order to predict Pneumonia. The prediction is done using Image Classification using Machine Learning. The project was implemented as a web application and integrated using flask.

- **SSN Web Application (Jun. 2019 - Oct. 2019):** Worked on the development of the designs of a web portal that allows professor interaction with fellow students.

- **Employability Rating System (Dec. 2019 - Present):** A mini project assignment as part of course curriculum where we will be developing an application that rates the employability of a student based on the details in their resume.

- **Unusual Event Detection (Jan. 2020 - Present):** A fully functional video surveillance system that allows detection of unusual events like over-speeding, signal-jumps and accidents.

- **Social Network Web Application (Jun. 2020 - Present):** A Simple Web Application using ReactJS and ExpressJS in order to simulate social networking.

Courses and Certifications

- **Machine Learning:** Stanford University, Coursera   Score: 99.6%

- **Python for Data Science:** University of Michigan, Coursera   Score: 100%

- **GCP Fundamentals:** Google, Coursera   Score: 97.7%

- **Convolutional Neural Networks:** Workshop at SSN College of Engineering

Languages

English · Tamil · Hindi · Malayalam · German

Hobbies

· Music · Anime · Sports · Books · TV Shows

Links

CodeChef · www.codechef.com/users/yk_2310
HackerRank · https://www.hackerrank.com/yk_2310