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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: 8.2 (4 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.2019*
  - **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.

Skills

- **Machine Learning:** Octave,Python
- **Languages:** Python, C, C++, Java, HTML, CSS, SQL, Javascript, Ruby
- **Frameworks:** Pandas, Git (Version Control), Rails, ReactJS
- **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.
- **Pyschiatrist Assistance System (Aug. 2019 - Present):** An Internally Funded Project to analyse a psychiatric patient and predict the depression level and the treatment required. The project is designed to be implemented using Image processing and Audio analysis.

- **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.

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

University Courses

- **Programming:** Python, C, Java, HTML, Assembly Language Programming.
- **Computer Science:** Design and Analysis of Algorithms, Theory of Computation, Data Structures, Object Oriented Programming.
- **Hardware:** Digital Principles and System Design, Computer Architecture, Microprocessors, Computer Networks.
- **Software:** Operating Systems, Database Management Systems, Software Engineering, Object Oriented Analysis and Design.

Languages

English · Tamil · Hindi · Malayalam · German

Hobbies

· Music · Anime · Sports · Books · TV Shows

Last Updated: 19 Dec 2019