






Venkatesh Manchala

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SUMMARY

A passionate software developer, looking to have a long-term relationship with an organization, build a great product and contribute towards its betterment.

EDUCATION

Information Technology ,B.Tech , Vardhaman College of Engineering 8.0 CGPA	06/2019 - 05/2023 Hyderabad, India
Intermediate (TSBIE Board), Narayana Junior College 96.7% Percentage	06/2017 - 04/2019 Hyderabad, India
High School (TSBSE Board), Telangana Model High School 9.0 CGPA	06/2016 - 05/2017 Sircilla, India


WORK EXPERIENCE

Software Engineer, Darwinbox  -> Working in Java testing, PHP, and MERN (MongoDB, Express.js, React, Node.js) development	06/2023 - Present Hyderabad, India
Product Development Intern, Darwinbox  -> Worked on e-learning Platform, Travel Blog, Cloud Documents Connector and following technical Stacks and development process. -> Among the features, a few include AWS-S3 storage for file uploads, email service, Mongoose aggregation pipelines, and unit testing using JEST. -> Containerized the application using Docker .	01/2023- 06/2023 Hyderabad, India
Web Developer Intern, LetsGrowMore  -> Worked on Hostel Management System, developed the features administrative and customers ui. -> features Includes, streamlining administrative and student accomodation Using Php, mysql & Xampp .	04/2021 - 05/2021 Remote
Web Developer Intern, Verzeo Edutech  -> Worked on Daily Sleep Tracker application collaboration with the team. -> Primarily used Php, Mysql, Xampp	11/2021 - 12/2021 Remote

TECHNICAL SKILLS

- **Frontend** - React.Js, HTML, CSS, Bootstrap
- **Backend** - Node.js, PHP, MongoDB, REST APIs, MYSQL,
- **Programming Languages** - JavaScript, Java, Python
- **Soft Skills** - Analytical Thinking, Problem Solving, Communication
- **Others** - SOCKET.io, Redux, AWS, Docker, Git, Linux

RESEARCH ARTICLE

- Criminal Face Detection System , [Research Square](#)** 
- Led the development of a Criminal Face Detection System as the primary author of an article published on Research Square.
 - Collaborated with a skilled team and managed the technical aspects of the code.

AWARDS

- Awarded the **2nd prize by IncuabeInd** in collaboration with **GitHub** for my inventive concept in the **Code Innovative Series**.
Recognized for this achievement, I received a letter of appreciation and a student kit.
- Received an honorable mention at the All India essay writing event hosted by Shree Ram Chandra Mission (SRCM) and UNIC.
- Received a **Certificate of Excellence** for Software Development through a virtual experience conducted by **Quollab**.
- Awarded the **2nd prize** certificate in **Chess** during high school.

CERTIFICATIONS

- Talent Next Course on Java J2EE , Wipro
- AI-For-India Event , Guvi Geek Networks

05/2022 - 09-2022

04/2021

PROJECTS

E - Learning Platform

- Developed and implemented an **integrated web platform** for coding education, featuring a live **web compiler** for **HTML/CSS/JavaScript** and interactive online classes.
- Administered administrative tasks, including user role management and system operations, ensuring smooth functionality of the **online coding education platform**.
- Facilitated instructor-led courses with a **student-accessible calendar**, **fostering interactive learning through live classes** and comprehensive course materials.
- Spearheaded the creation of three distinct dashboards for admin, instructors, and students, providing tailored views and functionalities based on user roles.

Cloud Documents Connector

- Developed a versatile **document management system** allowing seamless import/export from diverse **cloud storage platforms** for both administrators and employees.
- Implemented **admin privileges** for **document management**, enabling the **addition** and organization of documents for employees, with defined types and categories.
- Engineered bulk import/export features and personalized **cloud storage integration**, enhancing efficiency in handling **multiple documents** simultaneously.

Simple Shopping Cart System

- Designed a **comprehensive form** for users to input personal details, add products, **apply discounts**, and calculate final amounts.
- Developed a **Simple Shopping Cart System** with **database submission** capabilities for streamlined data management.
- Implemented a **dynamic data table** with a **custom dropdown search filter**, ensuring efficient retrieval of user records

Criminal Face Detection System

- Utilizes **LBPH and Fisher Face algorithms** for criminal face identification.
- **Captures and detects faces** from a training video using Haar Cascade.
- **Extracts 128-dimensional feature vectors** (embeddings) using LBPH algorithm.
- Encodes images through **clustering based on feature vectors** using DBSCAN.

MISCELLANEOUS

- As a **YouTube creator**, I've shared over **31+ videos**, prioritizing **quality and valuable** content.
- Languages Known - Telugu, English, Hindi
- Nationality - Indian