VENKATESH MANCHALA

Software Engineer

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🌐 www.venkateshportfolio.com

📍 Hyderabad, India   Github

ABOUT ME

An enthusiastic software developer eager to establish a lasting partnership with a company, collaborate on crafting exceptional products, and play a significant role in their continuous enhancement.An enthusiastic software developer eager to establish a lasting partnership with a company, collaborate on crafting exceptional products, and play a significant role in their continuous enhancement.

PROFESSIONAL EXPERIENCE

SDET - 1
Dariwnbox

📅 06/2023-Present   📍 Hyderabad,India

- ✅ Engaged in Java testing, PHP, and MERN (MongoDB, Express.js, React, Node.js) development

Software Engineer Intern
Dariwnbox

📅 01/2023-06/2023   📍 Hyderabad,India

- ✅ Proficiently utilized MERN stack and Laravel framework to deliver impactful projects, including TravelBlog, eLearning platforms and Document Connector.
- ✅ Developed and integrated email notification and OTP authentication features, enhancing user security and engagement

Web Developer Intern
Verzeo Edutech

📅 04/2021-05/2021   📍 Hyderabad,India

- ✅ Led the development of a comprehensive Hostel Management System using PHP and MySQL on XAMPP server, streamlining administrative tasks and student accommodations.

Web Developer Intern
LetsGrowMore

📅 11/2021-12/2021   📍 Hyderabad,India

- ✅ Spearheaded the design and development of a Student Result Management System using PHP and MySQL on XAMPP server, simplifying the tracking and organization of student academic records

ACHIEVEMENTS

🏅 **CODE INNOVATIVE SERIES**
Recognized by IncuabeInd in partnership with GitHub, I was honored with the 2nd prize for my innovative idea.

FIND ME IN ONLINE

in Linkedin   ▶ Infinity Hack Learn

SKILLS

FRONTEND DEV

(HTML) (CSS) (JAVASCRIT)

(JQUERY) (BOOTSTRAP) (REACT.JS)

BACKEND DEV

(PHP) (NODE.JS) (LARAVEL) (YII)

DATABASES

(MYSQL) (MONGODB)

DEVOPS

(GIT) (GITLAB) (AWS S3,EC2)

TRAINING/CERTIFICATIONS

Talent Next Course on Java J2EE
WIPRO
📅 06/2022 -09/2022

Web Development
Verzeo
📅 04/2021 -05/2021

Software Development Virtual Experience Project
QUOLLAB
📅 11/2022 -12/2022

Build a Face Recognition Application using Python
GUVI Geek Networks, IITM Research Park

PUBLICATIONS

CRIMINAL FACE DETECTION SYSTEM
Research Square
📅 02/2023-Present
✅ Publication Link   Under Review

EDUCATION

Bachelor of Technology
Vardhaman College of Engineering
📅 08/2019-04/2023 📍 Shamshabad,India

Intermediate (MPC)
Narayana Junior College
📅 06/2017-05/2019 📍 Hyderabad,india

SSC
Telanga Model High School
📅 06/2016-05/2017 📍 Sircilla,India

PROJECTS

e - Learning Platform
📅 2023

An integrated web platform offering a coding compiler for HTML/CSS/JavaScript, live interactive classes, instructor-led courses, challenges, gamification, and personalized dashboards for admin, instructors, and students, promoting effective and engaging online coding education

- Web compiler for HTML/CSS/JavaScript, enabling users to write and test code directly in their browser.
- Live class feature with scheduled instructors and a student-accessible calendar for interactive online learning sessions.
- Admin capabilities include adding instructors, managing user roles, and overseeing system operations.
- Instructors can create and manage courses, including multiple sections, modules, and quizzes.
- Students can enroll in courses, access course materials, complete assignments, participate in quizzes, and join live classes through provided Zoom links.
- Three separate dashboards catering to admin, instructors, and students, offering customized views and functionalities based on user roles

Documents Connector (Yii Framework)
📅 2023

Importing and exporting documents from various cloud storage platforms for both administrators and employees.

- Facilitates importing and exporting documents from different cloud storage platforms.
- Admin privileges for managing and adding documents for employees.
- Ability to define document types and categories.
- Incorporates document approval and review processes.
- Admins have privileges to manage and add documents for employees.
- Define various document types and categories for efficient organization.
- Option to select and import documents to personal cloud storage platforms such as Google Drive and OneDrive.
- Bulk import/export capabilities for handling multiple documents simultaneously.

PROJECTS

Daily Sleep Tracker
📅 2021

Designed to help users monitor and analyze their sleep patterns.

- Users can manually log sleep data or import data from compatible sleep tracking devices, generating informative reports and insights for improved sleep quality.

Simple Shopping Cart System
📅 2023

A comprehensive form allowing users to enter personal information, add product details with different discount options, and calculate the final amount, with the ability to submit the data to a database.

- A dynamic data table showcasing stored user records, accompanied by a custom dropdown search filter for names, facilitating efficient record retrieval.

Criminal Face Detection System
📅 2023

The Criminal Face Detection System employs LBPH and Fisher Face algorithms to identify criminal faces. It involves face capturing, detection, feature extraction, clustering, and model training for recognition. The system offers user-friendly interaction through a Tkinter-based GUI.

- 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.
- Trains LBPH and Fisher Face models using labeled images.
- Enables real-time face recognition in images and video streams through the trained models.