








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.

WORK EXPERIENCE

Software Engineer, Darwinbox

06/2023 - Present

Hyderabad, India

Java Testing: Ensured robust and error-free applications through comprehensive Java testing.

PHP Development: Developed and maintained web applications using PHP.

MERN Stack Development: Worked on full-stack development with MongoDB, Express.js, React, and Node.js.

Docker & CI/CD: Utilized Docker for integration and set up CI/CD pipelines for integrating with Jenkins for mobile testing using Appium.

Flutter Development: Trained in Flutter and contributed to the development of a common component library in Flutter



Product Development Intern, Darwinbox

01/2023 - 06/2023

Hyderabad, India

Project Development: Worked on an e-learning platform, travel blog, and cloud documents connector.

AWS-S3 Storage: Implemented AWS-S3 storage for file uploads.

Email Service: Integrated email services for communication.

Unit Testing with JEST: Ensured application reliability through unit testing with JEST..

Docker: Containerized applications using Docker to streamline development and deployment.

Web Developer Intern, LetsGrowMore

04/2021 - 05/2021

Remote

Hostel Management System: Developed administrative and customer UI features.

Technologies Used: PHP, MySQL, and XAMPP.

Web Developer Intern, Verzeo Edutech

11/2021 - 12/2021

Remote

Daily Sleep Tracker Application: Collaborated with the team on the development of a daily sleep tracker application.

Technologies Used: PHP, MySQL, and XAMPP.

TECHNICAL SKILLS

Frontend - React.Js, HTML, CSS, Bootstrap ,Ajax

Backend -Node.js,PHP, MongoDB, REST APIs, MYSQL,

Mobile Development/Testing - Appium Server, Flutter, Rxdart,Flutter Bloc,Selenium

Programming Languages and Libraries- JavaScript, Java, Python,Numpy, pandas

Soft Skills - Analytical Thinking, Problem Solving, Communication,Team Collaboration.

Others - SOCKET.io, Redux, AWS, Docker, Git, Linux, Jira, Jenkins,CI/CD, Data Structures and Algorithms, Object Oriented Programming(OOPS)

EDUCATION

Vardhaman College of Engineering, Hyderabad

06/2019 - 05/2023

Bachelor of Technology in Information Technology

Hyderabad, India

CGPA : 8.0/10.0

Narayana Junior College, Hyderabad

06/2017 - 04/2019

Intermediate (TSBIE Board),

Hyderabad, India

CGPA : 9.7/10.0

Telangana Model High School, Sircilla

06/2016 - 05/2017

High School (TSBSE Board)

Sircilla, India

CGPA : 9.0/10.0

RESEARCH ARTICLE

Criminal Face Detection System , Research Square

- Led the development and authored an article on a Criminal Face Detection System, collaborating with a skilled team on technical aspects.

AWARDS

- **2nd Prize, Code Innovative Series** by **IncuabeInd** in collaboration with **GitHub**; received a letter of appreciation and a student kit.
- Honorable Mention, All India Essay Writing Event by **Shree Ram Chandra Mission** (SRCM) and UNIC.
- Certificate of Excellence, Software Development Virtual Experience by **Quollab**.
- **2nd Prize**, Chess Competition during High School

CERTIFICATIONS

- **Talent Next Course on Java J2EE** , Wipro 05/2022 - 09-2022
- **AI-For-India Event** , Guvi Geek Networks 04/2021

PROJECTS

E-Learning Platform

- Developed an integrated web platform for coding education with a live web compiler for HTML/CSS/JavaScript and interactive online classes.
- Managed user roles and system operations, facilitating instructor-led courses with a student-accessible calendar.
- Created three distinct dashboards for admin, instructors, and students, ensuring tailored functionalities based on user roles.

Cloud Documents Connector

- Developed a document management system allowing import/export from various cloud storage platforms.
- Implemented admin privileges for document management, enabling bulk import/export features and personalized cloud storage integration.

Simple Shopping Cart System

- Designed a user form for personal details, product addition, discount application, and final amount calculation.
- Implemented database submission capabilities and a dynamic data table with a custom dropdown search filter.

Criminal Face Detection System

- Utilized LBPH and Fisher Face algorithms for criminal face identification, capturing faces from training videos using Haar Cascade.
- Extracted 128-dimensional feature vectors (embeddings) and encoded images using DBSCAN clustering.

MISCELLANEOUS

YouTube Creator: Published over **31 videos** focused on quality and valuable content.

Technical Writer at Infinity Hack Learn: Simplified complexities for enriched learning with clarity and precision.

Personal Motto: Embracing life's journey with grace and gratitude, navigating challenges, finding joy, and savoring every moment.

Languages Known - Telugu, English, Hindi

Nationality - Indian