PADMASRRY

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Summary

An MCA graduate from SASTRA University with a strong passion for technology and problem-solving. Proficient in full-stack development and machine learning, with hands-on experience in building web applications and AI-driven solutions. Eager to contribute as a fresher in a dynamic organization, applying academic knowledge and project experience to deliver impactful results while pursuing continuous learning.

Education

SASTRA Deemed University
MCA | CGPA: **7.5** / 10 — 2023 - 2025

SDNB VAISHNAV COLLEGE FOR WOMEN
BCA | CGPA: **8.5** / 10 — 2020 - 2023

Dalmia Higher Secondary School
HSC | PER: 65 — 2019 - 2020

Experience

Logic — Tiruchirappalli
Web Developer Intern — 01/2025 - 03/2025

- Developed responsive front-end features using React.js, enhancing website performance and user experience.
- Designed modular React components and documented them using Storybook, streamlining UI development and collaboration.
- Integrated Storybook for isolated component testing, ensuring consistent design and minimizing UI bugs.

Projects

Data Validation Web Application & AI Chatbot

- Developed a full-stack web application using Flask, Fast API, and React.js for CSV data validation, integrated with MongoDB for data storage.
- Implemented an AI-powered chatbot using Distil BERT for intent classification, enabling users to query file statuses and errors.

Sign Detection

- Developed a full-stack web application to detect and classify signs using machine learning models, Random Forest and SVM, for accurate prediction.
- Achieved 80% accuracy with the SVM model, demonstrating robust performance in sign classification.

Skills

HTML · CSS · JavaScript · Bootstrap · React.js · Express.js · FAST API · Typescript · Numpy · Pandas · Sklearn · Exploratory Data Analysis · Python · SQL · C++ · MongoDB · AGILE SOFTWARE

CERTIFICATION

Full Stack Web Development Bootcamp — UDEMY

Machine Learning Onramp — MathWorks

Python Flask Frameworks — UDEMY

Key Achievements

➤ **INTRODUCTION OF THINGS**
Scored in NPTEL with 78%

➤ **Full stack web Application**
Mini project on ASD diagnosis by using SVM and ANN models.

INTEREST

Problem-solving through coding challenges
Coding Challenges attended in leetcode and hacker rank and upskilling by learning Data Structures.