ARAVIND P

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Education

SASTRA DEEMED UNIVERSITY, Thanjavur	*2021 - 2025*
B.Tech in Computer Science and Engineering	**CGPA: 9**
SRI CHAITANYA JUNIOR COLLEGE, Tirupati	*2019 - 2021*
Board of Intermediate Education	**Percentage -** *98.4%*
SRI CHAITANYA SCHOOL, Tirupati	*2018 - 2019*
Board of Secondary Education	**Percentage -** *100.0%*

COURSEWORK

- DSA
- Operating Systems
- Oops Concepts
- Computer Networks
- System Design
- Full-Stack
- Software Engineering
- DBMS
- Compiler Engineering
- Cryptography and Network Security
- FullStack

PROJECTS

Food Detection and Calorie Estimation ⤤ | Machine Learning, CNN, Inception V3, VGG — **2024**

- * Engineered a Machine Learning model utilizing OpenCV to classify over 1,000 distinct Indian dishes, achieving a 95% accuracy rate in calorie estimation and enhancing user dietary insights significantly for the application.
- * Incorporated unique aroma and flavor profiles of Indian cuisine into the model, achieving a 25% increase in predictive accuracy and enhancing overall performance by 30%.
- * Led a team of 3 members in the successful deployment of the model, Optimized the model's training time by 40% through hyperparameter tuning and efficient data preprocessing techniques.
- * Conducted real-time testing to refine the output value, leading to a 25% improvement in calorie estimation.

E-commerce Clothing website ⤤ | HTML, CSS, JavaScript — **2024**

- * Developed a fully functional e-commerce web app using HTML, CSS, and JavaScript, facilitating a seamless shopping experience for fashion products.
- * Implemented responsive UI/UX designs for product browsing, filtering, and cart management, improving user engagement by over 40%.
- * Integrated interactive features such as a real-time cart, wishlist, and checkout process, improving customer retention rates by 25%.
- * Designed and developed mobile-friendly layouts to ensure cross-device compatibility, leading to a 50% increase in mobile traffic.

SSRDP Course Registration Website ⤤ | Wix Web Designing — **2024**

- * Designed and launched a course registration website using Wix, implementing user-centered design principles that improved the registration process; achieved a 40% increase in completed registrations within first month.
- * Enhanced website performance by optimizing loading times, resulting in a 50% reduction in bounce rate and a 30% increase in user engagement.
- * Implemented streamlined form-filling functionality, resulting in a 25% increase in form completion rates and a more efficient registration process.

TECHNICAL SKILLS

- C & C++
- Java with GUI
- Python
- Django
- SQL
- Linux
- HTML & CSS
- JavaScript
- React
- MongoDB

CERTIFICATIONS

- **INTRODUCTION TO OPENAI GPT MODELS (FROM INFOSYS SPRINGBOARD)** ⤤
- **PYTHON COURSE: MASTERING THE ESSENTIALS (FROM SCALER)** ⤤
- **SQL COURSE: LEARN SQL USING MYSQL (FROM SCALER)** ⤤
- **AGILE SCRUM IN PRACTICE (FROM INFOSYS SPRINGBOARD)** ⤤

SOFT SKILLS

- Analytical problem solving
- Teamwork
- Efficient Communicator
- Leadership Acumen
- Creativity and Innovation
- Project Management
- Methodical and organized
- Resilience

LANGUAGES

- English
- Hindi
- Telugu
- Tamil

AREA OF INTERESTS

- FullStack Web Development
- Artificial Intelligence
- UI/UX Designing
- Software Development