

Aerukali Shirisha

Email: ashirishasiri@gmail.com. Contact No: 7729021028.

Objective:

Versatile professional seeking a challenging role to apply diverse skills and contribute to the success of a dynamic company. Dedicated to achieving results and fostering team collaboration.

Education:

Course	Institution	Board/University	Year of completion	CGPA
B.Tech (ECE)	AVN institute of Engineering & Technology	JNTU-H	2022	6.6
Diploma(ECE)	Jawaharlal Nehru government polytechnic	SBTET	2019	7.7
S.S.C	ZPHS Madgul	Board Of Secondary Education	2016	8.7

Technical Skills:

Languages/Scripts -PYTHON , HTML , CSS , JAVA SCRIPT , SQL.

Tools - MS OFFICE.

Database - Oracle 10g.

Software - PyCharm , SQL Plus ,VS code.

Operating Systems: Windows XP / 7/10 /11

SQL:

- Good understanding of **RDBMS** Concepts like constraints, Normalization, Tables etc.
- Excellent knowledge of writing **SQL queries**.
- Solid Understanding of Joins, Sub-queries, Grouping, Functions etc.
- Good Knowledge of **DDL, DML, DCL, TCL**.

PYTHON :

- Proficient in Python, with a strong foundation in its syntax and core principles.
- Solid understanding of fundamentals data types such as **Permeative and Non Permeative data types**.
- Demonstrated ability to use control flow statements such as **If , Else and loops(for , while)**.

JAVA SCRIPT:

- Proficient in the fundamentals of JavaScript, including variables, data types, operators, and control structures.
- Strong understanding of concepts like closures and the event loop.
- Extensive experience in manipulating the Document Object Model (DOM) to dynamically update and modify the content, structure, and style of web pages.
- Expertise in traversing and selecting DOM elements using selectors, allowing efficient manipulation and interaction with specific parts of the document.
- Experience with higher-order functions and functional programming concepts

CSS:

- Experience with grid-template-areas and grid-template-columns properties.
- Proficient in using Flexbox and Grid layout for creating flexible and complex page structures.
- Experience with aligning and justifying items in both Flexbox and Grid
- Skill full in designing and implementing HTML forms, including various input types and form validation.

HTML:

- Experience with new elements such as <section>, <article>, <nav>, and others.
- Knowledge of elements like <header>, <footer>, <main>, and their appropriate usage
- Skill full in designing and implementing HTML forms, including various input types and form validation.
- Experience with attributes like required, placeholder, and form-related events
- Competent in embedding multimedia elements, such as images, audio, and video, using HTML tags

STRENGTHS:

- Quick learner, Adaptive to changing environment.
- Willingness to accept the challenge irrespective of the complexity.
- Good communication skills.
- Good team player and positive attitude.
- Confident and determined.

Projects:

- **Major project: A patch match based dense field algorithm for video copy move detection and localization**

In this project ,we propose a new algorithm for the reliable detection and localization of video copy-move forgeries. Discovering well-crafted video copy-moves may be very difficult, especially when some uniform background is copied to occlude foreground object.

- **Mini project : Action stage emphasized patio-temporal VLAD for video action recognition**
In this project, we propose a novel (actions)emphasized patio-temporal vector of locally aggregator descriptors method to aggregate informative deep features across the entire video.

- **Diploma project: Thermoelectric power generation from waste heat energy**

In this project, we generate electricity from waste heat energy using TEG module. TEG module works on the principle of SEEBECK effect.

Applications: Battery charging, Mobile charging and even can be used load like

- **Basic Banking Structure**

Built an object-oriented programming application from the ground up in Python for a financial system.

Added the ability to manage accounts and create a class named Bank with characteristics like account number, balance, and customer details.

Added functions like opening accounts, monitoring balances, making deposits and withdrawals, updating user data, and altering pins.