

SATHYA R

B.E.,Electronics and Communication Engineering.

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Carrer Objective:

A final-year ECE student with a strong foundation in both electronics and software development, I am passionate about integrating innovative technologies. I am proficient in Java, SQL, HTML, CSS, JavaScript, and have hands-on experience. I aim to leverage my multidisciplinary skills to contribute effectively to innovative projects in the tech industry.

Education:

Adhiyamaan College of Engineering.

B.E.,Electronics and Communication Engineering .

CGPA:8.9. (2022-2026)

Shri Venkateshwara Vidhayalaya matric higher secondary school.

HSC:78.6% (2021-2022)

SSLC:99.8% (2019-2020)

Technical Skills:

- > Java programming(oops,Data types,variables,control statements,Arrays and Strings,Collections).
- > HTML(Semantic Tags,Tables,Lists,Hyperlinks).
- > CSS.
- > JavaScript js.
- > SQL.
- >Version Control:Git and Github.
- > Internet of Things(IOT).

Internship and Inplant Training:

Internship(Remote):

Worked as **Full Stack Web Developer intern** at **Future intern** from **1st May to 30th May** where I Gained practical exposure to front-end development using HTML, CSS, JavaScript.Worked on building and testing responsive web applications with a focus on clean UI and user experience.Also I had Completed two tasks by building responsive sports e-commerce website,and personal portfolio.

Inplant Training:

In-Plant Training | TVS Motors, Hosur|November 2023 (3 days)

Understood **end-to-end manufacturing workflow** of two-wheelers. Observed **sub-assembly operations, quality inspections, and automation tools**.

Gained hands-on exposure to automobile manufacturing and assembly process. Observed engine assembly, chassis fabrication, and quality control procedures. Learned about modern production techniques and industrial safety practices.

Projects:

- 1. Student Grade Management System (Java):** Developed a Java-based Student Grade Management System that allows users to input, calculate, and display student grades. Implemented core Java concepts such as classes, objects, arrays, and control statements to handle data efficiently and generate performance reports.

Technical stack: Java, OOP, Arrays, Control Statements, Data Handling

- 2. Student Database Management System (Java + SQL):** Built a Student Database Management System using Java and MySQL. Implemented CRUD (Create, Read, Update, Delete) operations using JDBC, enabling secure and efficient data storage and retrieval. Applied SQL queries and Java Collections for data management.

Technical stack: Java, JDBC, MySQL, SQL Queries, CRUD Operations.

- 3. To-Do List Web Application (HTML, CSS, JavaScript):** Created a responsive To-Do List web application using HTML, CSS, and JavaScript. Implemented task creation, deletion, and local storage for data persistence. Focused on DOM manipulation and user-friendly interface design for improved usability.

Technical stack: HTML, CSS, JavaScript, DOM Manipulation, Web Development.

- 4. Personal Portfolio Website:** Designed and developed a personal portfolio website using semantic HTML5, CSS3, and JavaScript. Showcased academic background, skills, and projects with a responsive layout and interactive elements for improved user engagement.

Technical stack: HTML, CSS, JavaScript, Responsive Design, Front-End Development

- 5. Online Quiz Application (Java):** Developed a console-based Java quiz application featuring multiple-choice questions, score calculation, and user feedback. Utilized arrays, loops, and conditional statements to manage quiz logic and evaluate user performance.

Technical stack: Java, Arrays, Control Structures, Logic Implementation.