BAINDLA SRIDHAR

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EDUCATION

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| Bachelor of Engineering in Mechanical Engineering  Anurag University, Hyderabad  CGPA: 7.97 | 2020 -2024 |
| Intermediate In MPC  Telangana Model School & Jr Collage, Kamareddy | 2018 -2020 |

CGPA: 8.61

INTERNSHIPS & EXPERIENCE

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| Swecha  Description:   * Learned and worked on Web Development with CMS (Content Management System) like WordPress to create portfolio websites. * By creating portfolio websites, I’m learning to real-world projects. This demonstrates a combination of creativity and technical skills. * The description subtly conveys that you developed a practical understanding of design principles. | 10/2022 – 11/2022 |

PROJECTS

I completed my project on Online Voting Platform using HTML, CSS, Tailwind CSS, JavaScript, Node.js

Sept - Dec 2024

Description:

* Online Voting platform is used to organize elections online where voters can cast votes by public link and announce the results.
* A robust platform designed for efficient and secure online election management.
* Technology Stack: HTML, CSS, Tailwind CSS, JavaScript, Node.js.
* Role:Develop the platform's frontend using HTML, CSS, JavaScript and Implement features like login pages, voting interfaces, and results dashboards.
* Website Link: <https://online-voting-platform-0ekm.onrender.com>.

Hospital Management System

Description:

* Built an website to maintain and organize the information & details of patients, Doctors, and their respective appointments.
* Very useful website for hospital admins.
* Technology Stack: HTML, CSS, Bootstrap, Django, SQLite.
* Role: Create visually appealing and user-friendly layouts using HTML, CSS for all pages including patient dashboard, appointment booking and admin panels.

Certification Course

I completed my 6 months of Java Full Stack in QSpiders

* Java Skills
* Proficient in Core Java, with a strong foundation in Object-Oriented Programming (OOP) principles, including inheritance, encapsulation, polymorphism, and abstraction.
* Skilled in utilizing Java Collections Framework, including List, Set, and Map interfaces, to efficiently store, manipulate, and retrieve data.
* Experience in building and maintaining multithreaded applications, implementing synchronization techniques and concurrency utilities to optimize performance and ensure thread safety.
* Proficient in exception handling and debugging, utilizing try-catch blocks and custom exceptions to create robust and error-resistant applications.
* Experience in working with Java 8 features, including Streams API, Lambda expressions, and functional interfaces to write concise and readable code.
* Web technology

1. HTML

* Proficient in HTML5, including semantic tags for creating structured and accessible web content.
* Skilled in building responsive web pages using clean, efficient, and well-organized HTML markup.
* Integrated multimedia elements like <audio> and <video> to enhance user engagement and interactivity.
* Developed dynamic and interactive forms with HTML5 input types, attributes (required, placeholder), and validation.
* Ensured SEO-friendly web pages by implementing proper heading structures and meta tags for better search engine visibility.

1. CSS

* Proficient in CSS3, including Flexbox, Grid, and responsive design principles for creating modern and adaptable web layouts.
* Designed and optimized user-friendly interfaces with advanced CSS features like transitions, animations, and custom properties (CSS variables).
* Skilled in creating cross-browser compatible designs and implementing mobile-first layouts using media queries.
* Enhanced website performance by optimizing CSS for faster load times and reducing unused styles.

1. JavaScript

* Proficient in JavaScript (ES6+), with expertise in modern features such as arrow functions, promises, async / await, and modules.
* Skilled in DOM manipulation and event handling to create dynamic, interactive web pages.
* Experience with fetch API for making asynchronous HTTP requests and working with RESTful APIs.
* Expertise in debugging and optimizing JavaScript code to improve performance and ensure cross-browser compatibility.
* Implemented advanced JavaScript concepts, including closures, prototypes, and object-oriented programming, for scalable and maintainable applications.

1. React.js

* Proficient in building dynamic and interactive user interfaces using React’s component-based architecture.
* Experienced with React hooks, such as useState, useEffect, and useContext, for efficient state and lifecycle management.
* Skilled in creating reusable, modular components to enhance code maintainability and scalability.
* Familiar with integrating APIs and handling asynchronous data fetching using libraries like Axios or the fetch API.
* Proficient in debugging React applications using browser developer tools and React Developer Tools.
* Database SQL
* Proficient in SQL for querying, updating, and managing relational databases using commands such as SELECT, INSERT, UPDATE, and DELETE.
* Experience in designing and implementing database schemas, including tables, views, indexes, and relationships, to optimize data storage and retrieval.
* Skilled in writing complex SQL queries involving joins, subqueries, and aggregations to extract meaningful insights from large datasets.
* Experience in database normalization and denormalization techniques to improve data integrity and optimize query performance.

I completed my 1 months of Web Development in Pulipfirst Web Development 101 Lite Degree

* Pulipfirst Web Development 101 Lite Degree
* Web Development 101 – JavaScript is a course offered by Pupilfirst. This includes control flow statements, arrays, functions, objects, HTML forms, native HTML form validations, Web Storage for saving and retrieving data.

# Personal attributes

* Expresses ideas effectively & listens actively. Understanding the needs of others.
* Performing the work on time & plan my work according to the situation.
* Determined, and able to face new challenges and new opportunities for good outcomes for the organization.