

SURESH S

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Career Vision:

Recent graduate with a passion for IT field aiming to bring fresh perspectives and a strong academic foundation to an entry-level role. Dedicated to continuous learning and contributing to impactful projects within a dynamic team.

Technical Skills:

JAVA

- **Tokens and Identifiers:** Tokens are the basic elements in a Java program, which include keywords, literals, operators, and more. Identifiers are the names used for variables, methods, classes, etc., and must follow specific naming rules (e.g., starting with a letter, underscore, or dollar sign, and not using reserved keywords)
- **Datatypes and Variables:** Datatypes define the types of data that variables can hold, including primitive types like int, float, and char, and reference types like objects. Variables are identifiers associated with a datatype, used to store data values in a program.
- **Proficient in OOP Concepts:** Strong understanding of Object-Oriented Programming principles like encapsulation, inheritance, polymorphism, and abstraction in Java.
- **Experience with Static and Non-Static Methods:** Skilled in using static and non-static methods, understanding their differences in memory management, and scope of access in Java applications.
- **Constructor Implementation:** Hands-on experience with constructors, including default and parameterized constructors, to initialize objects in Java.
- **Class and Object Management:** Able to define and manage Java classes and objects, with a focus on designing well-structured, reusable, and maintainable code

SQL

- Demonstrated **extensive experience in executing CRUD operations** effectively.
- Strong **proficiency in RDBMS concepts** with a focus on constraint management and data integrity.
- Possesses **in-depth knowledge of SQL**, including advanced techniques like grouping, functions, and various types of subqueries.
- Expertise in **SQL join operations**, such as Cartesian, Inner, Outer, Self, and Natural Joins, facilitating complex data analysis and reporting.
- **Comprehensive understanding** of DDL, DML, DCL, and TCL, covering all aspects of database management.

HTML AND CSS

- **Proficient in HTML5 and CSS3:** Experienced in building responsive, mobile-friendly websites with a focus on semantic markup and modern CSS techniques.
- **Expert in Flexbox, Grid, and CSS Animations:** Skilled in creating dynamic and adaptive layouts, ensuring cross-browser compatibility and performance optimization.

JAVASCRIPT

- **Proficient in JavaScript** - Skilled in writing, testing, and debugging JavaScript code for interactive and dynamic web applications.

- **DOM Manipulation** - Experienced in manipulating the Document Object Model (DOM) to create responsive and user-friendly interfaces.
- **Event Handling and Asynchronous Programming** - Knowledgeable in handling user interactions through event listeners, and proficient in asynchronous programming using Promises, async/await, and callback functions.

Projects:

HEALTHCARE RECORD MANAGEMENT SYSTEM FOR SCALABILITY

Sept 2023 – May 2024 | Puducherry

- Preprocessed and analyzed large datasets to prepare for model training.
- Implemented cryptographic techniques to ensure the integrity and confidentiality of medical records.
- Created smart contracts to manage permissions and access control for medical data sharing

INTERNSHIP:

VALVENET TECHNOLOGIES | FrontEnd Developer

Apr 2024- May 2024 | Puducherry

- Collaborated with design and back-end teams to develop and implement user-friendly web interfaces.
- Developed responsive web applications using HTML, CSS, and JavaScript.
- Troubleshoot and debugged front-end issues to improve user experience.

Educations:

- ✓ **Undergraduate**
Bachelor of Technology in Computer Science and Engineering
Rajiv Gandhi College of Engineering and Technology, Puducherry
Graduation: June 2024
CGPA: 8.12/10.0
- ✓ **HSC**
Jeevanandham Boys Higher Secondary School, Puducherry
Year of Completion: 2020
Percentage: 60.33
- ✓ **SSLC**
K.S.P Higher Secondary School, Puducherry
Year of Completion: 2018
Percentage: 77%

Hobbies:

- Photography
- Playing Cricket

Declaration:

I **SURESH S**, do hereby confirm that the information given above is true to the best of my knowledge.

