

SUVETHA PERIYASAMY

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ABOUT ME

Passionate Full Stack Developer with expertise in HTML, CSS, JavaScript, and MongoDB. Skilled in designing and developing dynamic and user-friendly web applications. Experienced in working with React, Node.js, and Express to build scalable solutions. Proficient in handling both frontend and backend development while ensuring seamless functionality. Strong problem-solving skills with a keen interest in optimizing performance and user experience. Eager to contribute innovative ideas and grow in a collaborative development environment.

EDUCATION

KARPAGAM INSTITUTE OF TECHNOLOGY,COIMBATORE B.E Computer Science And Engineering CGPA:8.58	2022 - 2026
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KONGUNADU MATRIC HIGHER SECONDARY SCHOOL, VELAGOUNDAMPATTY BIO-MATHS PERCENTAGE:93	2021- 2022
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GOVERNMENT HIGHER SECONDARY SCHOOL, MANICKAMPALAYAM PERCENTAGE:96	2019 - 2020
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ACHIEVEMENTS

DSA using Java - NPTEL

- Gained hands-on experience in data structures and algorithms using Java, focusing on time and space complexity analysis to optimize code efficiency.
- Enhanced **problem-solving abilities**, enabling the development of **scalable and efficient software solutions** for real-world applications.

Consistency in Problem-Solving

- Sharpened problem-solving skills and logical thinking by consistently tackling complex coding challenges.
- Enhanced proficiency in data structures and algorithms, enabling the development of optimized and efficient solutions for real-world applications.

CRUD based Learning :

- Built a full-stack CRUD application, first using a sample JSON file for data handling and later integrating MongoDB for dynamic storage and management.
 - Gained hands-on experience in API integration, database connectivity, and CRUD operations, improving problem-solving skills and understanding of full-stack development.
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CERTIFICATIONS

- *Mastering the Fundamentals in Java* by *Scalar*
 - *Introduction to Machine Learning* by *Great Learning*
 - *Introduction to Java Script* by *Solo Learn*
 - *SQL for Beginners* by *Coddy Team*
 - *Introduction to GenAI* by *Google Cloud*
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SKILLS:

• Java	★★★★☆	• Frontend Development Html,CSS,JS	★★★★☆☆
• Problem Solving	★★★★☆☆	• Backend Development MongoDB	★★★☆☆☆
• Communication	★★★★☆☆	• Version Control Git,GitHub	★★★☆☆☆
• Python	★☆☆☆☆	• DataBase Management MongoDB,MySQL	★★★★☆☆
• Java Script	★★★☆☆		

PROJECTS:

CRUD Project:

- Completed a full-stack CRUD project with React (frontend) and Node.js (backend) using a sample JSON file.
- Implemented create, read, update, and delete functionalities with **Express.js**, handled API requests using **Axios**, and managed cross-origin access with **CORS**.
- Designed a responsive frontend with **HTML, CSS, and JavaScript**, while ensuring efficient backend operations with **Node.js and Express**.
- Gained hands-on experience in **state management, API integration, and component-based architecture**, strengthening my problem-solving skills in full-stack development.

FullStack Project

- Developed a full-stack CRUD project using MongoDB for dynamic data storage and management.
- Implemented efficient database interactions, API integration, and seamless communication between the frontend and backend.
- Enhanced skills in handling real-time data, improving problem-solving abilities, and gaining practical experience in full-stack development.

MySQL Ptoject:

- Developed an SQL project using MySQL commands to perform key database operations, including CREATE TABLE, JOIN, UPDATE, DELETE, and SELECT queries.
- Designed and managed **relational databases** efficiently, ensuring **data integrity and optimization**.
- Gained hands-on experience in **query execution, data manipulation, and table relationship management**.
- Strengthened **problem-solving skills** and deepened understanding of **database structures and SQL best practices**.

LANGUAGES:

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| • Tamil | • English |
| Proficient | Intermediate |

FIND ME ONLINE



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Linkedin : <https://www.linkedin.com/in/suvetha-periyasamy-9ab390257/>



Leetcode : <https://leetcode.com/u/ssuvetha254/>



GitHub : <https://github.com/P-Suvetha>



HackerRank: <https://www.hackerrank.com/profile/suvetha309>



CodeChef: https://www.codechef.com/users/bouquet_ray_39



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