

# Suvarna.S

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## SUMMARY

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Passionate Frontend Developer with a knack for crafting robust and scalable web applications. Quick learner with strong problem-solving skills and a drive to explore new technologies. Enjoys building web projects from implementation to launch. Seeking an opportunity to begin a career at a technology-driven firm that offers avenues for continuous learning and growth.

## TECHNICAL SKILLS

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**Programming Languages:** Python, C++, SQL, HTML, CSS, JavaScript

**Deep Learning Frameworks:** React, Redux, Tailwind CSS, Bootstrap

**Libraries & Tools:** NumPy, Pandas, Git, GitHub, Firebase, Vercel, VS Code

**Others :** Responsive Web Design, DOM Manipulation, API Integration, MS Office, CAD Design, ANSYS Fluent, Problem Solving, Debugging

## EXPERIENCE

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**Junior Frontend Developer**

*Natural Coders*

Intern

2025

## PROJECTS

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**Aria Business**

*Business Services Website*

*HTML, CSS*

- Developed a user-friendly business website using HTML and CSS with smooth navigation, interactive UI elements, and a clean visual layout tailored for desktop screens.

**ZyloMart**

*E-commerce Website*

*HTML, Tailwind CSS, JavaScript*

- Developed a fully responsive e-commerce website featuring category-wise product listings, dynamic cart interface, and a clean, modern UI using Tailwind CSS.
- Integrated interactive features like category filtering and cart updates with JavaScript, enhancing functionality and user engagement across all device sizes.

**CFD Analysis of Nanofluid**

*Based Minichannel Heat Sink*

*ANSYS Fluent*

- Conducted CFD simulations to evaluate the thermal performance of a nanofluid-cooled minichannel heat sink for electronic chip cooling, focusing on heat transfer efficiency and flow behavior.

## EDUCATION

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**Government Engineering College Palakkad**

2020-2024

*BTech in Mechanical Engineering*

**Jawahar Navodaya Vidyalaya Palakkad**

2019-2020

*Higher Secondary*

**Jawahar Navodaya Vidyalaya Palakkad**

2018

*High School*

## CERTIFICATIONS

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| • Artificial Intelligence with Python                | 2024 – Workshop      |
| • PostgreSQL: Become an SQL Developer                | 2024 – Online Course |
| • Mastering JavaScript Fundamentals                  | 2024 – Online Course |
| • Master Python by Building 100 Projects in 100 Days | 2024 – Online Course |