

# 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:** JavaScript, Python, C++, SQL, HTML5, CSS3

**Frontend Frameworks & Libraries:** React, Redux, Tailwind CSS, Bootstrap

**Development Tools:** Git, GitHub, Firebase, Vercel, NumPy, Pandas

**Core Competencies:** Responsive Web Design, DOM Manipulation, API Integration, Cross-browser Compatibility, User Interface Development, Problem Solving, Debugging

**Other Tools:** MS Office, CAD Design, ANSYS Fluent

## EXPERIENCE

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### Junior Frontend Developer Intern

January 2025 – June 2025

*Natural Coders*

Developing responsive web applications using React and modern CSS frameworks while collaborating with development teams to implement user-friendly interfaces and maintain code quality through version control practices.

## PROJECTS

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### ZyloMart – E-commerce Website

Developed with: HTML, Tailwind CSS, JavaScript

Built fully responsive e-commerce platform with category-wise product listings, dynamic cart interface, and modern UI

### Aria Business – Services Website

Developed with: HTML, CSS

Created business website with intuitive navigation and interactive UI elements optimized for desktop viewing

### CFD Analysis of Nanofluid-Based Heat Sink

Tools: ANSYS Fluent (CFD Simulation)

Analyzed thermal performance of nanofluid-cooled minichannel heat sink for electronic cooling application through computational fluid dynamics simulations

## EDUCATION

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### Government Engineering College, Palakkad

2020–2024

*B.Tech in Mechanical Engineering*

### Jawahar Navodaya Vidyalaya, Palakkad

2018–2020

*Higher Secondary Education*

### Jawahar Navodaya Vidyalaya, Palakkad

2018

*Secondary Education*

## 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