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Career Objective:

A highly motivated and results-driven professional with a strong passion for continuous learning and growth. Seeking opportunities to apply my knowledge, expand my expertise, and drive value in a dynamic and challenging environment.

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Qualification	Institution	YOP	CGPA/Percentage
Bachelor of Engineering (ECE)	K. Ramakrishnan College of Engineering	2025	6.88
HSC	R. S. Krishnan Higher Secondary School	2021	70%
SSLC	R. S. Krishnan Higher Secondary School	2019	67.4%

Technical Skills:

❖ **SQL (STRUCTURED QUERY LANGUAGE)**

- Having extensive knowledge in writing **SQL** queries.
- Excellent at Performing '**CRUD**' operations on any **RDBMS**.

❖ **AGILE METHODOLOGY**

- Very good knowledge on **Scrum Methodology**.
- Expertise in Sprint Planning Meeting.
- Good Knowledge on Scrum Meeting.

❖ **CORE JAVA**

- Good knowledge on **Object Oriented Programming (OOPS)**.
- Very good at Understanding **Inheritance & Polymorphism**.
- Having very good Knowledge in **Object Class, String Class**.
- Very good Knowledge on **Abstraction, Encapsulation**.

❖ **HTML & CSS**

- Strong understanding of **HTML5** and **CSS3** fundamentals.
- Proficient in creating responsive web pages using **Flexbox** and **Grid**.
- Good knowledge of semantic **HTML** for better accessibility and **SEO**.

❖ **UI & UX Design (Figma)**

- Proficient in designing wireframes and prototypes using Figma.
- Strong understanding of user-centered design principles.
- Familiar with color theory, typography, and visual hierarchy.
- Ability to collaborate with developers to implement UI designs effectively.

❖ **SOFTWARE / TOOLS USED**

- **Development Tools:** Eclipse, VS Code.
- **Operating Systems:** Windows 7 / 8 / 10 / 11.
- **Version Control:** Git & GitHub.

❖ **PROJECT**

○ **Cascade H-Bridge Multilevel Inverter:**

Developed a high-quality output system with reduced harmonic distortion, validated through simulation and hardware implementation.

○ **Metal Detector Car for Military Applications:**

Designed a robotic vehicle capable of identifying and locating metallic objects efficiently.

Achievements:

- Participated in the National Level Sports Fest for football at Colosseum, competing with teams across the country.
- Secured Silver Medal in the District Level Competition for "The Chief Minister's Trophy" in football.
- Attended a workshop on Innovative Electronics conducted by Lift India, gaining valuable insights into emerging trends and practical applications in electronics.

Leadership & Participation:

- **Captaincy Roles:** Led my school cricket team and college football team, developing teamwork, strategic decision-making, and resilience under pressure.
- Participated in multiple **inter-college symposiums**, enhancing adaptability and networking skills.

Declaration

I hereby declare that all of the above information is true and to the best of my knowledge.

Place: Trichy

Yours Faithfully,
Surya SM