RESUME

SURYA.. P
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CAREER OBJECTIVE:

Aspiring AI and Machine Learning professional with a strong foundation in predictive modeling, full-stack development, and embedded systems. Passionate about solving real-world healthcare and environmental challenges through data-driven solutions and innovative technology.

EDUCATIONAL QUALIFICATIONS:

Degree	Institution	Year	CGPA/Percentage
B.Tech in [Your Branch]	Chettinad College of Engineering & Tech	2025	7.01
Higher Secondary (HSC)	Cheran Matric Hr. Sec. School	2022	61.1%
SSLC	Cheran Matric Hr. Sec. School	2021	66.6%

TECHNICAL SKILLS:

- **Programming Languages: Python, C, JavaScript**

- **Web Development: HTML, CSS, Bootstrap, React.js, Vite, Tailwind CSS**

- **Hardware & IoT: Arduino, Raspberry Pi**

- **Machine Learning: XGBoost, Random Forest, CNN, Scikit-learn**

- **Deep Learning: TensorFlow, Keras**

- **Data Handling: Pandas, NumPy, Matplotlib**

- **Deployment Tools: Gradio, Streamlit**

- **Version Control: Git, GitHub**

PROJECTS:

1. **Stroke Prediction System**
   Built a predictive model to assess stroke risk using health and lifestyle metrics, prioritizing recall and interpretability.

2. **E-Commerce Website**
   Created a full-stack online storefront using React.js, Vite, and Tailwind CSS. Integrated product browsing, shopping cart, and responsive UI.

3. **Forest Fire Prediction**
   Forecasted potential forest fires using environmental data and tree-based algorithms, with real-time insights through visual tools.

4. **Object-Following Robot Using Arduino**
   Designed a robot that follows objects using ultrasonic or IR sensors, integrating real-time feedback and motor control.

CERTIFICATIONS & INTERNSHIPS:

- *Machine Learning* **– HackerRank**

- *R program* **– Chettinad College**

- *Full Stack Development* **– Chettinad College, offered by IBM**

- *Web Development Intern* **– SkillVertex**

  - **Contributed to both frontend and backend aspects of web development project**

PERSONAL DETAILS:

Father's Name	:	R.Pandian
Mother's Name	:	P.Thangamani
Date of Birth	:	01/July/2005
Age	:	21
Gender	:	Male
Nationality	:	Indian
Languages Known	:	Tamil,English
Marital Status	:	Singl

DECLEARATION:

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

PLACE   :

DATE   :   **SIGNATURE**