



THIAGARAJAR COLLEGE OF ENGINEERING  
(An Autonomous Govt-Aided Institution Affiliated to Anna University)  
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## RESUME

**NAME** : JANANI S  
**DEGREE** : B-TECH IT  
**DOB** : 11.07.2006  
**EMAIL** : [jananisenhil68@gmail.com](mailto:jananisenhil68@gmail.com)  
**LINKEDIN** : [www.linkedin.com/in/janani-s-60a5722a4](https://www.linkedin.com/in/janani-s-60a5722a4)



## PROFESSIONAL OBJECTIVE

As a passionate B.Tech IT undergraduate with a strong foundation in web development (React, Angular) and hands-on experience in AI-related projects, I am eager to apply my problem-solving abilities and technical skills in a challenging role. My goal is to contribute to innovative solutions while continuously learning and growing in the fields of software development and artificial intelligence.

## ACADEMIC PROFILE

Class/Course	Name of the Institution	Board of Study	Year of passing	Marks / CGPA %
B. Tech (IT)	Thiagarajar College of Engineering, Madurai	Anna University	2027	8.20*
X	Nadar Saraswathi Matriculation Higher Secondary School	State Board	2021	Pass
XII	Bharathiyar Matriculation Higher Secondary School	State Board	2023	93.5

\*CGPA (out of 10) up to 4<sup>th</sup> Semester

## TECHNICAL EXPERTISE

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**Primary Skills:**                      **Programming**  
Programming Languages: Python, Java  
Web Development:                  React, Angular, HTML, CSS, JS

## AREA OF INTEREST

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- Object-Oriented Programming (OOP)
- Full Stack Development(React, Angular)
- Artificial Intelligence / Machine Learning

## PERSONAL QUALITIES

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- Leadership and Team Collaboration
- Effective Communication Skills
- Curiosity and Desire to Explore New Technologies

## ACHIEVEMENTS

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- Participated in department level (6 hrs) hackathon conducted by **INFINIX HACKFEST'25**.
- Participated in intra-college level coding event **HACKSPRINT** conducted by **TCE CODER'S CLUB**

## ACADEMIC PROJECTS

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<b>TITLE</b>	<b>:FACULTY RECRUITMENT PORTAL (ONGOING PROJECT – TCE)</b>	<b>TEAM SIZE – 5</b>
<b>TECHNOLOGIES</b>	<b>:REACT.JS, NODE.JS, EXPRESS.JS, MYSQL</b>	

- Designing and developing a full-stack web application to streamline faculty recruitment with online application submissions and resume uploads.
- Building an Admin Dashboard for HR/management to view, search, and filter candidates based on department, qualifications, and experience.
- Currently developing REST APIs and database integration for secure and efficient backend processing.

<b>TITLE</b>	<b>: MULTIMODAL, EXPLAINABLE AI SYSTEM FOR EARLY HEART ATTACK DETECTION AND REAL-TIME REPORTING FROM ECG IMAGING</b>	<b>TEAM SIZE – 4</b>
<b>TECHNOLOGIES</b>	<b>:PYTHON, CNN, NLP, FUSION MODELS</b>	

- Developed an AI-based system for early heart attack detection using ECG image analysis and patient symptom data.
- Implemented explainable AI techniques to provide transparency in model predictions, assisting doctors in decision-making.

- Integrated real-time reporting to improve emergency care response, especially in resource-limited situations.

<b>TITLE</b>	<b>:IOT BASED TREASURE HUNT GAME</b>	<b>TEAM SIZE – 3</b>
<b>TECHNOLOGIES</b>	<b>:ARDUINO, PIR SENSOR, TEMPERATURE SENSOR, OLED DISPLAY, LEDs, SERVO MOTOR</b>	

- Designed and developed an interactive indoor collaborative gameplay system integrating multiple IoT sensors.
- Implemented real-time sensor-driven challenges (motion, temperature, and object detection) to unlock a treasure box (IoT Vault) or trigger a final game action (Vortex).
- Enhanced problem-solving and teamwork skills through immersive IoT-based interactions.

### INTERNSHIP DETAILS

NAME OF THE INSTITUTION / INDUSTRY	DURATION	AREA OF EXPOSURE
IN-LAB INTERNSHIP	2 WEEKS	ARTIFICIAL INTELLIGENCE
IN-LAB INTERNSHIP	2 WEEKS	WEB DEVELOPMENT

### CO-CURRICULAR ACTIVITIES

- Active member of college **App Development Club**
- Contributed in department level events like **Techustav**

### HOBBIES

- Listening to music for relaxation and creativity
- Watching movies with an interest in storytelling and visual creativity.
- Playing badminton to stay active and improve focus
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### PERSONAL DETAILS

**CONTACT ADDRESS:**  
C/O. THE PLACEMENT OFFICER  
THIAGARAJAR COLLEGE OF  
ENGINEERING MADURAI-625 015.  
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**PERMANENT ADDRESS:**  
OTHA VEEDU, VALAYAPATTI,  
USILAMPATTI TALUK, USILAMPATTI,  
MADURAI, TAMIL NADU- 625532.  
PH: 9751626617

**DATE OF BIRTH** : 11.07.2006  
**AGE** : 19  
**SEX** : FEMALE  
**FATHER'S NAME** : SENTHILKUMAR  
**MOTHER TONGUE** : TAMIL

**LANGUAGES KNOWN :**

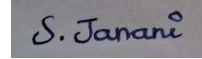
LANGUAGE	READ	WRITE	SPEAK
TAMIL	✓	✓	✓
ENGLISH	✓	✓	✓
HINDI	-	-	✓

**DECLARATION**

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I, **JANANI S**, do hereby confirm that the information given above is true to the best of my knowledge.

Date: 02.09.2025  
Place: Madurai



SIGNATURE:  
(**JANANI S**)