

PRASANNA KUMAR A R

Final-year Electronics and Communication Engineering student with hands-on experience in core electronics and full-stack development. Smart-working, technically skilled, and eager to contribute problem-solving abilities to innovative projects and dynamic teams.

Project Experience

RESPONSIVE PORTFOLIO WEBSITE DESIGN

Created a responsive portfolio website displaying projects, skills, and achievements with adaptive layouts, interactive features, and multi-device support, thereby enhancing expertise in HTML, CSS, JavaScript, and user-centered design principles.

FIRE ALARM SYSTEM USING IMAGE PROCESSING

Developed a fire alarm system using Arduino Nano and a GSM module for real-time fire detection via image analysis. It sends instant SMS and call alerts for prompt response. This project enhanced my skills in image processing, sensor integration, and C/C++ programming.

OBSTACLE AVOIDANCE ROBOT USING ARDUINO

My mini project is an Obstacle Avoidance Robot using Arduino, featuring ultrasonic sensors for collision-free, autonomous movement. It enhanced my skills in robotics, sensor integration, and Arduino programming.

Internship

- I have done my internship in “**DAYSTAR SOLAR**” in the domain of **SOLAR ENERGY SYSTEM** **Sept 2024 - Oct 2024**
- I have done my internship in “**PANTECH E-LEARNING**” in the domain of **EMBEDDED SYSTEM** **July 2023**
- I have done my internship in “**ACMEGRADE Pvt Ltd**” in the domain of **EMBEDDED SYSTEM** **Jan 2024 - Mar 2024**

Education

Bachelor of Engineering (B.E) in Electronics and Communication

Jeppiaar Engineering College, Chennai

Oct 2021 - June 2025

CGPA: 8.62

HSC

M.L.M Mamallan Matriculation Higher Secondary School, Kanchipuram

June 2020 - May 2021

Percentage: 89.47

SSLC

Anderson Higher Secondary School, Kanchipuram

June 2018 - Mar 2019

Percentage: 84.2

Contact

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Kanchipuram- 631 501

Skills

Technical Skills

- HTML
- CSS
- JavaScript
- React / Nodejs
- MongoDB
- C programming
- MS office

Soft Skills

- Problem-Solving Abilities
- Ethical thinking
- Adaptability and Flexibility

Languages

- English
- Tamil

Certification

- Network Essentials - CISCO
- Python (Basic) - HackerRank
- Industrial IoT and Industry 4.0 - InGage
- Microsoft Office Fundamentals - Microsoft
- Executive Training in auto electrics - BOSCH

Leadership

Department Coordinator, Institute Innovation Club, Jeppiaar Engineering College

I oversee innovative projects and events, promoting creativity and teamwork among students.