

PERSONAL DETAILS

NAME & INITIALS	KARTHICK RAJA T	
DESIGNATION	PROJECT MANAGER	
EDUCATIONAL QUALIFICATION	B.E.,	
EXPERIENCE	6 Years	
EMAIL ID	rajakarthick708@gmail.com	
AREA OF SPECIALISATION	Embedded Systems Development, Python Programming, Project Management, Hardware-Software Integration	

EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
B.E	ELECTRICAL AND ELECTRONICS ENGINEERING	SREE SASTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY	ANNA UNIVERSITY	2014

PROFESSIONAL DEVELOPMENT AND ACHIEVEMENTS

<p>➤ Certified Automation Engineer (CAE) - Technocrat Automation Pvt Ltd</p> <p>Completed certification with a focus on automation technologies, control systems, and practical implementation.</p>
<p>➤ Internship in Industrial Automation - NTTF, Bangalore</p> <p>Completed a comprehensive internship program covering various aspects of industrial automation, including system integration, PLC programming, and automation technology.</p>
<p>➤ Internship in Electrical and Switchgear Systems - L&T Switchgear Training Centre, Coonoor</p> <p>Gained hands-on experience in electrical switchgear systems, understanding of product design, manufacturing processes, and testing procedures.</p>
<p>➤ Workshop in Gesture Controlled Robotics - Anna University</p> <p>Attended an intensive workshop focused on the principles and applications of gesture-controlled robotics.</p>

PAPER PRESENTATION

- Nano Materials - SSCE Campus
Presented a paper exploring the properties, applications, and future potential of nano materials in various industries.
- Bridgeless Power Factor Correction using AC-DC Buck Converter
Presented detailed research on improving power factor correction techniques using advanced AC-DC converters.

WORKSHOPS CONDUCTED

- Internet of Things (IoT) - St. Joseph Engineering College
Organized and led a workshop on IoT, covering sensor integration, network communication, and real-world applications.
- Embedded Systems - DMI Engineering College
Conducted a workshop focusing on the development and implementation of embedded systems, including microcontroller programming and hardware interfacing.
- Robotics and Automation - Soka Ikeda College of Arts and Science for Women
Led a workshop on robotics and automation, covering key concepts, practical applications, and hands-on projects to enhance understanding and skills in these areas.

SEMINARS ATTENDED

- National Seminar on “Nanomaterials and Green Chemical Processes” in SRM (Eswari Engineering College)

ACHIEVEMENT DETAILS

- Best Performer Award - Avalon Tech Pvt Ltd, March & April 2019
Recognized for outstanding performance and contributions to the company.
- Patents Filed for Design and Implementation of a Smart Pillbox for the Healthcare System using IoT - Under publication
- Patent Filed for Design of Self-Charging Mechanism in an Electric Vehicle using Piezoelectric- Under publication