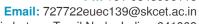


# RAKURAMAN S

**B.E. - Electronics & Communication Engineering** 

Ph: +91-9843996118







# **BRIEF SUMMARY**

Highly motivated and detail-oriented Electronics Engineer with expertise in MERN stack development, IoT applications, and Java programming. Proven ability to design, develop, and deploy innovative solutions that integrate hardware and software. Strong background in building IoT systems using ESP8266, DHT sensors, and soil moisture sensors. Experienced in creating full-stack web applications with advanced functionality and intuitive user interfaces. Adept at problem-solving, team collaboration, and staying updated with emerging technologies to deliver efficient and scalable solutions.

## **KEY EXPERTISE**

MongoDB ReactJS Express NodeJS Java Internet of Things Full-Stack

## **EDUCATION**

# Sri Krishna College of Engineering and Technology

2022 - 2026

B.E. - Electronics & Communication Engineering | CGPA: 7.97 / 10

## Sri Ragavendra Matriculation Higher Secondary School, Salem

2022

12<sup>th</sup> | TNBHSE | Percentage: 95.50 / 100

## Sri Ragavendra Matriculation Higher Secondary School, Salem

2020

10<sup>th</sup> | TNBSE | Percentage: **75** / **100** 

## **INTERNSHIPS**

## BHARAT SANCHAR NIGAM LIMITED PRIVATE LIMITED | Telecom

01 Jul, 2024 - 14 Jul, 2024

During a 14 - day internship at Bharat Sanchar Nigam Limited (BSNL) in Trichy, I gained comprehensive hands-on experience in the field of telecommunications. The program provided insights into the core operations of a leading telecom service provider, covering both theoretical and practical aspects.

#### **PROJECTS**

## **CLASSIFIED ADS WEBSITE USING MERN STACK**

Team Size: 3

 Key Skills:
 MongoDB
 Node JS
 Express.js
 ReactJS

Project Link: https://github.com/rakuraman2005/MERN\_STACK

This project is a classified ads platform developed using the MERN stack (MongoDB, Express.js, React.js, Node.js). The platform enables users to seamlessly post, browse, and manage classified ads, offering a user-friendly interface and robust backend functionality.

## Gas Leakage Detection Using IOT

Team Size: 5

Key Skills: Electronics Internet of Things

Project Link: https://github.com/V-Prayukti-IOT/ETERNALS\_IoT

This IoT-based Gas Leakage Detection and Alert System is designed to monitor gas levels in the environment and provide timely alerts in case of any leakage. The system leverages advanced sensors and IoT technologies to ensure safety in residential, commercial, and industrial spaces.

# **Smart Irrigation System using IOT**

Mentor: Dr.Devi., ME., | Team Size: 3

**Key Skills:** Electronics Internet Of Things Embedded Systems

# ASSESSMENTS / CERTIFICATIONS

Stress Management

**Aggregate: 75 / 100** 

Key Skills: Stress Management Analytics Communication Skills

A stress management course typically covers topics such as the nature of stress, its impact on the body and mind, and strategies for managing it. Some courses may also focus on how to manage stress in the workplace.

**Ethics in Engineering** Aggregate: 62 / 100

Key Skills: Quality Control **Ethics** 

governs the standards of behavior and moral principles that describe how an engineer should act within the diverse situations they find themselves within the engineering profession.

**Enhancing Soft Skills and Personality** 

**Aggregate:** 56 / 100

Key Skills: Soft Skills Problem Solving Problem Analysis **Decision-Making** 

Soft skills are personal attributes that help people interact well with others and are important in the job market. They are also known as people skills, workplace skills, or transferable skills. Soft skills are learned through life and can't be taught in a classroom.

**IOT HACKATHON** 

Key Skills: Internet of Things Embedded Systems Teamwork Team Spirit Team Coordination

Participated in a hackathon where I developed a gas leakage detection system using IoT technology. The project utilized sensors to detect harmful gas levels, interfaced with microcontrollers (such as ESP8266) to transmit real-time data to a cloud platform or mobile app. Implemented alert mechanisms, including buzzer alarms and notifications, to ensure timely responses and enhance safety measures. The project demonstrated innovative problem-solving, teamwork, and practical application of IoT concepts to address realworld safety concerns.

**Linux Training** 

Aggregate: 83.33 / 100

Key Skills: Linux Linux Administration

Completed Linux training on the Spoken Tutorial platform by IIT Bombay, achieving an 80% score. Gained hands-on experience with Linux commands, shell scripting, file system management, and basic system administration.

# EXTRA CURRICULAR ACTIVITIES

- coding
- Volunteering Activities

## PERSONAL INTERESTS / HOBBIES

- Reading
- Photography
- Cooking

# WEB LINKS / IMs

- WhatsApp https://wa.me/gr/B7DMOTUXWV5LK1
- o Github https://github.com/rakuraman2005

# PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Lara Residency, 9th street, Ramanujam Nagar, B K Pudur, Kuniamuthur, Coimbatore, Tamil Nadu, India -

641008

Date of Birth: 14 Jul, 2005 Known Languages: Tamil, English

Permanent Address: 31C-18, MGR street, Bharathipuram, Arumbavur, Veppanthattai, Perambalur, Tamil Nadu, India -

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