RAKURAMAN S
B.E. - Electronics & Communication Engineering
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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
12th | TNBHSE | Percentage: **95.50 / 100**

Sri Ragavendra Matriculation Higher Secondary School, Salem   2020
10th | 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 real-world 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/qr/B7DMOTUXWV5LK1
- 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
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