

SHAIK FAKRUDDIN

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SUMMARY

Aspiring Software Engineer with a specialization in IoT having foundations in Java, Python, and C. Currently interning as a moderator at iTBI where I facilitate communication and event coordination. Passionate about integrating emerging technologies to create innovative and efficient solutions.

EDUCATION

B. Tech Cse-IoT | R.V.R&J.C College of Engineering | **CGPA: 8.38** | 2021 - Present
Intermediate | Sri Chaitanya Junior College | **93%** | 2019 - 2021
SSC | Veda The School of Learning | **GPA: 10** | 2018 - 2019

INTERNSHIPS

Moderator Intern - RJ E-NEST iTBI (June 2024 - Present)

- Organize and conduct events on behalf of RJ ENEST to engage and support the student community.
- Facilitate discussions, resolve queries, and maintain smooth interactions between stakeholders.

Business Analyst Intern - Smart Bridge (April - June 2024)

- Conducted data analysis on Road Accident Patterns in India using Qlik platform
- Presented the results and demonstrated result of data driven decision making

IoT Intern - Skill Dzure(May - July 2024)

- Developed an understanding on NodeMcu ESP8266 and it's communication with various sensors like ultrasonic sensor, LMD 35, DHT 11.
- Completed project on proximity sensing ,temperature monitoring using various IoT peripherals.

PROJECTS

Industrial Automation System Using Raspberry Pi (June 2024 - Present)

- Developing an Industrial Automation System using Raspberry Pi 3B, automating processes like product counting, temperature monitoring of industrial appliances, and area surveillance using a built-in camera module.
- Creating a user-friendly interface for real-time control and operation of various appliances, ensuring seamless interaction and improved efficiency in industrial environments.

Smart Garbage Monitoring Using NodeMCU ESP8266 (May)

- Developed a Smart Garbage Monitoring System using NodeMCU ESP8266 to monitor dustbin levels and send real-time alerts via a Telegram bot.
- Leveraged IoT technology to optimize waste collection, reduce operational costs, and enhance sustainability through efficient resource management.

SKILLS

Programming : Python, Java, C, DSA
Tools: Arduino IDE, Raspberry Pi 3B
Databases: MySQL

CERTIFICATIONS

- Python Essentials | LinkedIn Learning
- SQL Essentials | LinkedIn Learning
- Java Course - Mastering the Fundamentals | Scalar
- NCC-A Certificate

LEADERSHIP

- Organized Smart Idea Challenge 2024 | RVRJC
- Organized Mock Up Design Challenge 2024 | RVRJC
- Code-X club member
- Attended NSS Special Camp