

Shaik Fakruddin

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Objective

As a process-oriented and innovative software engineer with a strong background in Computer Science and in IoT(Internet of Things), I am excited to leverage my skills in Java, Python and C to develop cutting-edge software applications. With experience in collaborative environments and a passion for problem-solving, I am well equipped to contribute to the development of robust software in Python, java. I am eager to apply knowledge in peer code reviews and technical root cause.

Professional Experience

Qlik Cloud

Business Analyst- Intern (APR 2024-JUN 2024)

- Conducted data analysis on Road Accident Patterns in India using Qlik platform to derive business insights
- Created a Data Visualization and dashboards using Qlik
- Created interactive dashboards to present findings and support decision making
- Presented project results to stakeholders and demonstrated the impact of data driven decision making in business

Skill Dzure

IoT - Intern (MAY 2024-JUL 2024)

- Gained practical experience in IoT through projects involving sensors, microcontrollers and cloud integration
 - Developed an understanding of ESP8266 microcontroller and its communication with various sensors like ultra sonic sensor,LMD35 (temperature sensor)
 - Completed projects on proximity sensing, temperature and humidity monitoring using various IoT peripherals
 - Worked with Arduino UNO and Arduino IDE
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Projects

Industrial Automation System Using Raspberry Pi (MAR 2024-PRESENT)

Team-Project

- Developing an Industrial Automation using Raspberry Pi which focuses on automation of various industrial processes like product counting, temperature monitoring
 - Implementing live monitoring of industrial area using Raspberry Pi built in camera module V2 and create an user friendly interface to control and operate various industrial appliances
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GitHub: github.com/Fakruddin46 | **Hacker Rank:** hackerrank.com/profile/shaikfakruddin21

Smart Garbage Monitoring System using NodeMcu ESP8266 (MAR- 2024)

Self-Project

- Developed a smart garbage monitoring system using NodeMCU, ultrasonic sensor, IR sensor, and a servo motor.
 - Enabled real-time monitoring of bin levels through telegram bot with automated alerts, leveraging IoT for efficient waste collection and management. Integrated system helped to reduce operational costs and improve environmental sustainability.
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Education

Acharya Nagarjuna University

R.V.R&JC College of Engineering | B. Tech CSE(IoT) | 2021-Present

CGPA-8.44

Board of Intermediate Education Andhra Pradesh

Sri Chaitanya Junior College | Intermediate | 2019-2021

93%

Skills

Programming:

- Python (Advanced Intermediate)
- Java (Intermediate)
- C(Advanced Intermediate)

Tools :

- Jupyter Notebook,
- Arduino Ide,
- Blynk IoT
- Qlik Cloud

Soft Skills:

- Communication,
 - Decision Making
 - Leadership and Team Management
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Certification

- Python Basics | Hacker Rank
 - Python Essentials | LinkedIn
 - Programming With Python | LinkedIn
 - SQL Essentials | LinkedIn
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Awards & Achievements

- Shortlisted for Smart India Hackathon | 2022
 - Selected for Udvikash 2024 24hours Hackathon (Inter College) | RVR&JC | 2023
 - Volunteer Award NSS Special Camp 2024| RVR&JC | 2024
 - Won 1st Prize in Learning Society is the Leading Society (Inter School) Quiz | 2018
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Activities

- Organized Smart Idea Challenge 2024 | RVR&JC | 2024
 - Organized Mock Up 2024 National Level Design Challenge | RVR&JC | 2024
 - SICO Club Member | RVR&JC | 2022
 - CODE-X Club Member | CSE-IOT | RVR&JC |2022-2023
 - Attended NSS Special Camp | RVR&JC | 2024
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CodeChef: codechef.com/users/shaik251 | **Leet Code:** leetcode.com/u/shaikfakruddin251/