

Shaik Jahid

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Objective

Python Developer with a strong foundation in Python, SQL, Django, React JS, and Data Structures & Algorithms. Seeking an entry-level role to apply my technical skills, contribute to software development projects, and grow as a developer.

Education

B. Tech in Electronics and Communication Engineering (2021-2025)

Sathyabama Institute of Science and Technology, Chennai | CGPA: 7.0

Intermediate (2019-2021)

Narayana Junior College, Andhra Pradesh | 86%

SSC (2019)

Saint John's English Medium School, Andhra Pradesh | GPA: 9.5

Technical Skills

Programming Languages: Python, SQL, JavaScript

Web Frameworks: Django, React JS

Database: MySQL, SQL (DDL, DML, Joins)

Web Technologies: HTML, CSS

Core Concepts: Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Exception Handling, File I/O

Tools: Git, GitHub, VS Code

Projects

Embedded Respiratory Rate Estimation in Resource-Constrained Environments

- Developed a low-cost breathing monitoring system for resource-limited environments using affordable hardware components
- Estimated respiratory rate using sensor data to continuously monitor patient breathing patterns.
- Implemented a Morse code-based assistive communication device for paralyzed and non-verbal individuals
- Developed a user-friendly assistive communication system that helps patients convey their needs to caregivers.
- Integrated emergency alert buttons for medicine, food, and help to enhance patient safety
- Focused on simplicity, affordability, and dual utility in health monitoring and communication

Alcohol Detection System

- Developed an alcohol detection system using the MQ-3 sensor to detect the presence of alcohol.
- Integrated a buzzer to trigger an alert when alcohol is detected.
- Implemented Arduino-based control logic for real-time detection and alert activation.
- Tested and calibrated the system to improve accuracy and reliability.
- Designed for safety monitoring applications.
- Monitored sensor readings to ensure accurate alcohol detection and timely alert generation

Certifications

- Python 101 for Data Science – IBM (Cognitive Class)
- Data Visualization with Python – IBM
- Python (Basic) – Hacker Rank