# SYED M. AHSAN

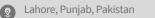
COMPUTER ENGINEER

+92-323-0989320

LeetCode Profile



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GitHub Profile

# SUMMARY

Enthusiastic about initiating a dynamic learning journey and making a meaningful contribution to the software engineering field, I am thrilled at the prospect of joining your organization. Aligned perfectly with my career aspirations, I am committed to dedicating my time and efforts to grow into a valuable asset for your team. My blend of solid technical skills and effective interpersonal abilities equips me to collaborate seamlessly with diverse teams and individuals. I am eager to apply my knowledge and passion for software development in a practical setting, while continuously enhancing my skills to contribute meaningfully to your organization.

#### SKILLS

- C/C++
- Python
- HTML, CSS, JS
- Java
- React.js
- Node.js
- Machine Learning
- Object Oriented Programming

- MySQL
- Embedded Programming Linux
- GitHubLinux

#### **WORK EXPERIENCE**

#### **JFreaks Software Solutions**

Software Engineer • Feb 2024 - Present

- Collaborate with cross-functional teams to identify and prioritize features and requirements.
- Improving product quality by identifying issues and common patterns.
- Maintaining and improving existing products and peer review code changes.
- Enhancing applications by identifying opportunities for improvement, making recommendations and designing and implementing systems.

# **Teaching Assistant**

Introduction To Computing and Data Science Lab • Sep 2023 - Dec 2023

- Organised and distributed learning materials, homework, textbooks and classroom supplies.
- Collaborated with teacher to devise and execute challenging, stimulating lessons.

#### **EDUCATION**

## **B.Sc Electrical Engineering (Computer Science)**

University of Engineering and Technology, Lahore • 2020–2024 CGPA: 3.82

### CERTIFICATIONS

## **Machine Learning Specialization**

Coursera, Stanford, DeepLearning.Al

## PERSONAL & ACADEMIC PROJECTS

**Final Year Project:** Revive Cycle The Ultimate Smart Recycling Solution.

- Developing a web app for reverse vending machines, optimizing owner and user interaction. Employed **React, Node.js**, **Express**, and **MySQL** for efficient machine and bottle data management.
- Implemented **YOLOv8** for image processing in a .NET application, enabling real-time bottle classification by the camera and seamless database updates.

Snake Game: Python GUI Game (PyGame, pyttsx3, os)

**Processor Design:** Implemented basic ALU and CU Design (**C, Verilog**) **Smart Washing Machine:** A bluetooth controlled machine (**C, STM32F407**)