

# Syed Omer Hussain

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Dedicated IT Enthusiast with a flexible and motivated approach, equipped with strong technical skills and a solid foundation in computer science. Driven by a commitment to delivering high-caliber results and attention to detail. A strong collaborator and effective communicator, focused on achieving goals and continually improving. Prepared to contribute meaningfully to the success of your university while enhancing personal and professional growth.

## EDUCATION

<b>DECCAN COLLEGE OF ENGINEERING AND TECHNOLOGY</b> Bachelor's (Information Technology) Cumulative Grade Point Average (CGPA): 7.40 (Seven point four zero)	<b>Hyderabad, India</b> 2025
<b>MS JUNIOR COLLEGE</b> Intermediate Total Marks: 902 (Nine zero two)	<b>Hyderabad, India</b> 2021
<b>MS CREATIVE SCHOOL</b> Secondary School Certificate (SSC) Cumulative Grade Point Average (CGPA): 9.2 (Nine point two)	<b>Hyderabad, India</b> 2019

## PROJECTS

### Speech Enhancement using Residual CNN

This project focuses on improving the quality and intelligibility of speech signals by effectively suppressing noise and distortions. Residual connections facilitate the learning of deeper network architectures, ensuring efficient feature extraction and reconstruction of clean speech while preserving original signal characteristics.

### Static Keystroke Dynamic Authentication (SKDA) Model

This project focuses on enhancing user authentication through static keystroke dynamics by incorporating non-conventional features such as NumLock, Shift, and CapsLock keys. The aim is to capture and model these alternative inputs to improve identity verification accuracy.

## EXPERIENCE

<b>DATAPOINT IT &amp; HARDWARE PVT. LTD</b> Python Intern Successfully completed 5-month internship from January to May 2024, during which I developed a robust Credit Card Fraud Detection System using Python and advanced machine learning algorithms. This project focused on accurately identifying fraudulent transactions, showcasing my ability to apply technical skills to solve real-world financial challenges. I also received a certificate in recognition of my contributions.	<b>Hyderabad, India</b> 2024
<b>PANTECH E LEARNING PVT. LTD</b> Web Development Intern Successfully completed a 1-month internship from May to June 2024, during which I developed an Online Crime Reporting System using Java. This project focused on communication and reporting of crime to nearby police station. I also received a certificate in recognition of my contributions.	<b>Hyderabad, India</b> 2024

## CERTIFICATIONS

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### **MODEL MAKING | National Digital Library of India (NDLI) Club**

Our team of three successfully built a working model of a 2-bit binary adder. We showcased it at our college tech-fest held by NDLI Club and were awarded a participation certificate.

### **CS50P | HarvardX**

Completed CS50P a course offered by HarvardX on Introduction to Python Programming successfully with a passing grade and received certification

### **SOE:YDB-SQL0001 | Stanford**

Completed a course offered by Stanford on Introduction to Databases and SQL successfully with a passing grade and received certification

## ADDITIONAL SKILLS

- Expertise: Teamwork, Technical Analysis, Problem Solving, Inquisitive, Time Management
- Technical Skills: C, C++, HTML/CSS, Python/Django, JAVA, MySQL
- Hobbies & Interests: Reading, Fitness, Trekking, Coding, Gaming