

# SAAD IRFAN

saadirfan618@gmail.com | 0331-5392804 | Islamabad, Pakistan  
www.linkedin.com/in/saad-irfan

## SUMMARY

Accomplished AI Engineer with a strong foundation in software development. A key contributor to the AI dubbing platform, echo9.ai from Stech, with demonstrated expertise in Speech-to-Text (achieving 95% accuracy in low-resource languages) and Text-to-Speech (pioneering an emotion-aware dubbing pipeline). Currently working on improving VAD (voice activity detection) for sales voice agents at Confinality. A quick learner, proven by a successful pivot from Mechanical Engineering, eager to tackle new challenges.

## WORK EXPERIENCE

<b>AI Engineer, Confinality</b>	<b>Nov 2025 - Present</b>
<ul style="list-style-type: none"><li>Finetuning Silero VAD to gain optimal Precision and Recall for max Sales/Call</li><li>Compared accuracy of different VAD and STT configurations</li></ul>	
<b>Junior AI Engineer, Stech</b>	<b>Aug 2024 - Nov 2025</b>
<ul style="list-style-type: none"><li>Achieved 95% ASR accuracy even on low-resource languages like Urdu.</li><li>Developed a speaker diarization system with 90% recognition accuracy.</li><li>Built an emotion-aware TTS system, positive feedback led to initiating the Echo9 AI dubbing platform. Built a scalable dubbing pipeline capable of handling 4 full-length movies simultaneously at 12 GB VRAM</li></ul>	
<b>AI Intern, Stech</b>	<b>May 2024 - July 2024</b>
<ul style="list-style-type: none"><li>Researched the feasibility of AI-driven dubbing workflows.</li><li>Built a proof of concept (POC) demonstrating automated dubbing.</li><li>POC validated by the company, which led to kickstarting full-scale AI dubbing development.</li></ul>	
<b>Engineering Intern, CDA</b>	<b>May 2023 - Nov 2023</b>
<ul style="list-style-type: none"><li>Supervised utility pole shifting operations on Park Road, Islamabad</li><li>Assisted in maintenance of HVAC and fountain systems at Pak-China Center, Islamabad</li></ul>	

## EDUCATION

### BE Mechanical Engineering

NUST

- 3.81/4.00

### A-Levels

BeaconHouse

- 2 A\*, 1 A

### O-Levels

BeaconHouse

- 7 A\*, 1 A

## KEY SKILLS

- Python
- LLM Workflows
- Speech-to-Text
- Text-to-Speech
- FastAPI
- Git
- Docker
- Fluent in English