

Syed Affan Hussain

AI Engineer

A passionate public speaker with a profession rooted in self-taught expertise in machine learning, computer vision, and open-source contributions. Enthusiastic about acquiring new technological skills to craft community-centric solutions. Recognized for possessing a strong passion for continuing education initiatives and working with future technology leaders to drive personal and professional development



✉ syedaffan.dev@gmail.com

📍 Karachi, Pakistan

🌐 linkedin.com/in/syedaffan10

📞 +92 345 1185990

📄 syedaffan10.github.io/

🐙 github.com/SyedAffan10

WORK EXPERIENCE

Associate AI Engineer

HnH Soft Tech Solutions (Pvt) Ltd

03/2023 - Present

Karachi

Achievements/Tasks

- Built a disease diagnosis system that accurately predicts diseases and recommends tests based on symptoms inputted, eliminating the need for doctor consultation, and achieving a high accuracy rate of 98%.
- Developed a personalized medical information retrieval system for a client, utilizing vector databases to enable easy querying of relevant data from provided medical PDF documents post-deployment.
- Rigorously test, optimize, and deploy models in production.
- Stay abreast of the latest developments in AI and explore innovative solutions for ongoing projects.

Junior AI Engineer

Digital Landscape (Pvt) Ltd

11/2021 - 02/2023

Karachi

Achievements/Tasks

- Deliver Computer Vision and NLP Projects for various clients around the world.
- Optimized the performance of a model.
- Built different datasets for the projects as per SRS.
- Collaborated with Front End Dev and UX Designer to build the full stack AI apps.

PERSONAL PROJECTS

Next-Generation Board Meeting Analyzer: Leveraging NLP and Video Processing for Enhanced Meeting Insights

- Developed a user-friendly board meeting analyzer using NLP and video processing
- Created algorithms to extract important meeting insights, such as sentiment analysis, and participant engagement
- Provided simplified summaries and statistics to improve decision-making and streamline board meetings

EDUCATION

BS - COMPUTER SCIENCE

Sir Syed University of Engineering and Technology

11/2019 - 04/2024

3.65 CGPA

SKILLS

Python

Machine Learning

Deep Learning

Computer Vision

NLP

Artificial Intelligence

Public Speaking

HONOURS AND AWARDS

Valedictorian Award (2024)

Awarded Valedictorian at the 27th Convocation of Sir Syed University of Engineering and Technology, distinguishing achievement among 2000 students.

Brand Ambassador (2023)

Brand Ambassador of PROCOM' 23 at Sir Syed University of Engineering and Technology. This is a Flagship event of FAST University.

Best Public Speaker (2017)

Selected as one of 200 participants nationwide for high-achieving public speaking skills based on high-pitch potential

CERTIFICATES

IBM AI Engineering Professional Certificate

IBM

Machine Learning Specialization

Stanford University

AI For Everyone

Stanford University

Microsoft Azure AI Fundamentals

Microsoft

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

Artificial Intelligence

Machine Learning

Computer Vision

Natural Language Processing

Generative AI

Large Language Models (LLM)