

# Syed Saad Ahmad

[github.com/officialsaad](https://github.com/officialsaad) | [linkedin.com/in/saad-ahmad-766247254/](https://www.linkedin.com/in/saad-ahmad-766247254/) | [official.saadahmad@gmail.com](mailto:official.saadahmad@gmail.com) | +92 3048959436

**SUMMARY** – I am a full stack web developer with expertise in front-end and back-end technologies. I also possess skills in data science and continuously learning new technologies. I am eager to work with well reputed organization.

## TECHNICAL SKILLS

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- **Frontend** – JavaScript (JS), jQuery, Ajax, HTML, CSS
- **Backend** – Django Framework, Django Rest Framework (Rest API), Core PHP
- **Database** – MySQL, Structured Query Language (SQL)
- **DevOps** – Git (Version Control System), GitHub, Docker, AWS EC2
- **Data Science** – Pandas, NumPy, Matplotlib, Keras
- **Automation** – Selenium (with python)
- **Tools** – PyCharm, Jupyter Notebook, VS-Code, Anaconda Navigator, Miniconda

## PROJECTS

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**[[link](#)] Hazardous Object Detection:** **Nov 28,2023 – June 2, 2024**

- **Technologies** – Tensorflow, Keras, Pandas, NumPy, Matplotlib, OpenCV, Tkinter, Custom Tkinter, Multi-Threading, Multi-Processing, Queue Data Structure, SQL – Lite Database
- **Description** – HODS is R&D desktop-based Python deep learning project for classification and detection of fire, Gun and Knife in real-time using camera. This project utilizes OOP technique for code management and memory optimization for CPU users. Use CNN model for classification and OpenCV HAAR CASCADE for detection of these objects in real time.

**Bls Italy Web Automation:** Selenium with python is used to automate this web site. **August 2024 – Present**

**User Auth-API Django Rest Framework:** **September, 2024**

- **Description** – With Jason Web Token (JWT), user can authenticate, Change Password, Reset Password, Register and login.

**[[link](#)] Custom Segmentation with K-Means Clustering:** **April 29,2024 – May 2, 2024**

- **Description** – Apply K-Means clustering to segment customers based on their purchase behavior.

**[[link](#)] Movie Recommendation:** **August 19,2024 – August 22, 2024**

- **Description** – This is data science project in which content-based filtering is use to recommend books.

## EDUCATION

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**Gujrat Institute of Management Sciences** | BS (Hons) – Computer Science **Gujrat | 2020 – August, 2024**

- **Cumulative GPA (CGPA):** 3.38/4.00
- **Courses:** Object Oriented Programming (OOP), Artificial Intelligence (AI), Web and Mobile Application Development, Data Structures and Algorithm, Web Technologies.

**Govt. Zamindar Post Graduate College** | FSC Pre-Engineering **Gujrat | 2018 - 2020**

- **Subjects:** Physics, Chemistry, Mathematics

**Madina Model High School for Boys** | Matriculation **Gujrat | 2016 – 2018**

- **Subjects:** Physics, Chemistry, Mathematics, Biology

## CERTIFICATES

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- Scientific Computing with Python [[link](#)] **FreeCodeCamp | April 6, 2024**
- AI and Data Science Mentorship Program **Codanics | Present**

## LANGUAGES

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- English
- Urdu

*Professional Working Proficiency*

*Native or Bilingual Proficiency*

## HOBBIES

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- Learning new technologies
- Critical thinking and problem solving
- Playing Snooker

## INTERESTS

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- Artificial Intelligence (AI), Machine Learning (ML) and Deep Learning (DL)
- Data Sciences, Data Analytics
- Computer Vision
- Natural Language Processing (NLP)

## ADDITIONAL INFORMATION

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- **Version Control** – Expertise in managing code with Git version control system.
- **DevOps and Deployment** – Experience deploying applications on AWS EC2.
- **Automation Skills** – Automated web browser interactions using Selenium to reduce repetitive manual tasks.
- **AI and Data Science Tools** – Worked extensively with Pandas, NumPy, Matplotlib, and Keras for data manipulation, analysis, and machine learning projects.

## SOFT SKILLS

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- **Problem Solving** – Strong analytical thinking, demonstrated in various complex coding projects.
- **Team Collaboration** – Worked effectively in cross-functional teams, managing both communication and technical aspects of group projects.
- **Adaptability** – Quickly learning new technologies and methodologies, as demonstrated by continuous education in AI and machine learning.
- **Time Management** – Skilled at managing multiple projects and meeting deadlines without compromising quality.