Akshat Sharma

Software Engineer

Skilled **Full-Stack Developer** eager to join a forward-thinking organization, aiming to contribute to innovative solutions while advancing career and knowledge growth.

Contact

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in https://www.linkedin.com/in/akshat--sharma

Education

o **Class 12th (PCM)**
S.A.L.P Sr.Sec.School, Bhawani mandi
05/2020 - 05/2021

o **Bachelor of Technology (BTech)**
Computer Engineering
College IES IPS Academy, Indore.
10/2021-Present

Soft Skills

Analytical | Collaborator | Leader | Adaptable

Technical Skills

Python

HTML

CSS

JavaScript

Django

MySQL

Full Stack Developer

Backend Developer

Languages

English:
Full Professional Proficiency

Hindi:
Native Proficiency

Profile Summary

o A full stack developer with high **problem-solving skills** and develops **complex projects**.
o I have proficiency in **Python's Django** and built projects which can be used to solve complex problems.
o **Developed a Disaster Management System** which can be used to enhance response efficiency and resource allocation during emergencies.
o Built an **Object Detection System** using YoloV5 built on Django, which can be used to detect objects from **images** and **webcam**.
o Possesses **in-depth knowledge of multiple technologies** which in turn contributes to an efficient development stage of products.

Projects

Disaster Management System.
Tools: Django, HTML, CSS, JavaScript, MySQL

Developed a comprehensive web application to manage and respond to

disaster events. The system allows users to create and track disaster events,

submit reports, and allocate resources effectively.

Responsibilities:
o Facilitating rapid and effective responses to disasters through real-time monitoring and coordination of resources.
o Collecting, analyzing, and utilizing data to improve decision-making and response strategies.
o Utilizing advanced technologies for notification system, map for exact locations.
o Successfully built a fully functional disaster management system that can handle real-time data input, process reports, and manage resources efficiently, demonstrating strong capabilities in full- stack web development and system integration.

Deployed - https://disasters-management-system.vercel.app/

Object Detection System
Tools: Python, Django, YoloV5, Pandas

Developed an object detection system using the YOLO (You Only Look Once) algorithm to detect and classify objects in real-time webcam and images.

Responsibilities:
o Real-time Processing: Performing detections swiftly, especially in real-time applications like surveillance or autonomous systems
o Adaptability: Adapting to different environments, lighting conditions, and object orientations.
o Continuous Improvement: Continuously updating models and algorithms to enhance detection capabilities and accuracy over time.

Achievements & Certificates

o [CS50's Programming with Python | Harvard University | (05/2023 - 12/2023)](#)
o [CS50x: Computer Science Certificate | Harvard University | (06/2021 - 05/2022)](#)
o [6 Star Gold in Data Structures & Algorithms on HackerRank.](#)
o [5 Star Gold in Python Programming on HackerRank.](#)