

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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Education

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

React.js

Full Stack Developer

Languages

English:

Full Professional Proficiency

Hindi:

Native Proficiency

Profile Summary

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

- Facilitating rapid and effective responses to disasters through real-time monitoring and coordination of resources.
- Collecting, analyzing, and utilizing data to improve decision-making and response strategies.
- Utilizing advanced technologies for notification system, map for exact locations.
- 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:

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

Achievements & Certificates

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