SURBHI RAWAT

📞 +91-7007490962 ✉ shurbhirawat43@gmail.com 🔗 linkedin/surbhirawat ⊙ github/surbhirawat

Professional Summary

Python Full Stack Developer with hands-on experience in building responsive, user-friendly web applications using HTML, CSS, JavaScript, Bootstrap, Python, Django/Flask, and modern frontend practices. Skilled in API development, database management, and problem-solving, with a solid understanding of deployment and version control. Adept at delivering clean, scalable code and creating visually appealing, performance-optimized websites.

Technical Skills

Programming Languages: Python, JavaScript, HTML5, CSS3, SQL
Backend Frameworks: Django, Flask, FastAPI, Django REST Framework
Frontend Technologies: React.js, Bootstrap
Databases: SQL, Oracle
DevOps & Tools: Git, GitHub, Vercel

Projects

Restaurant Website | *HTML5, CSS3, JavaScript*   **Jan 2024 – Mar 2024**
- Designed and developed a fully responsive restaurant website featuring menu display, online reservation system, and contact functionality
- Implemented interactive features using vanilla JavaScript including image carousel, smooth scrolling navigation, and dynamic menu filtering
- Created mobile-first responsive design using CSS3 Flexbox and Grid, ensuring seamless experience across all devices
- Integrated Google Maps API for location services and form validation for online table booking system

Object Detection System | *Python, YOLOv5, OpenCV, TensorFlow*   **Aug 2023 – Dec 2023**
- Developed a real-time object detection system using YOLOv5 architecture capable of detecting 80+ object classes with 85% accuracy
- Implemented video stream processing using OpenCV to detect and track multiple objects simultaneously with bounding box visualization
- Optimized model inference speed achieving 30+ FPS on standard hardware through model quantization and efficient preprocessing
- Created a user-friendly interface for uploading images/videos and displaying detection results with confidence scores and class labels

Rainfall Prediction System | *Python, Scikit-learn, Pandas, NumPy, Matplotlib*   **Mar 2023 – Jul 2023**
- Built a machine learning model to predict rainfall patterns using historical weather data with 88% accuracy
- Performed comprehensive data preprocessing including handling missing values, feature scaling, and exploratory data analysis on 10+ years of weather data
- Implemented and compared multiple ML algorithms (Random Forest, XGBoost, Linear Regression) to identify the best performing model
- Developed data visualizations using Matplotlib and Seaborn to present rainfall trends, correlations, and prediction results

Certifications

Python Full Stack Developer: JSpider – QSpider, Noida
Oracle Certified Professional: Generative AI Professional – Oracle
Oracle Certified Professional: AI Foundations Associate – Oracle
SQL and Relational Databases 101 – IBM
Introduction to Generative AI – Google Cloud
Data Analytics with Generative AI – Google Cloud
Prompt Engineering Applications – Google Cloud

Education

Bachelor of Technology in Computer Science   **Aug 2022 – Jun 2026**
KNIPSS, Sultanpur

Higher Secondary Certificate (XII)   **Jun 2021 – May 2022**
KKGGIC, Sultanpur, Uttar Pradesh

Declaration

I hereby declare that all the information furnished above is true to the best of my knowledge and belief.

Place: Sultanpur
Date: November 16, 2025

(Surbhi Rawat)
Surbhi Rawat