Shubham Kumar Shivam

Email : skshivam771@gmail.com
Mobile No. : +91 8227053870
Add : Purnia, Bihar, India

LinkedIn • GitHub • Portfolio

SUMMARY

Dynamic Data Scientist skilled in Python, Machine Learning, TensorFlow, and Scikit-learn with hands-on experience in data analysis using Pandas and NumPy. Strong problem-solving abilities, effective communication, and a curious mindset. Proficient in Google Colab for model development and experimentation.

EDUCATION

Minor in Artificial Intelligence   Aug 2024 – Aug 2025 | Ropar, Punjab
Indian Institute of Technology (IIT), Ropar

Bachelor's in Physics   Aug 2024 – Aug 2025 | Purnia, Bihar
Bhupendra Narayan Mandal University

SKILLS

- **Language :**   Python
- **Frameworks :**   Flask, PyTorch (custom), TensorFlow (pre-trained), scikit-learn, OpenCV, Pandas, NumPy
- **Tools :**   Google Colab, VS Code, Streamlit, Jupyter Notebook, Render, Postman, WordPress
- **Soft Skills :**   Problem-solving, Communication, Teamwork, Creativity, Project Management

PROJECTS

Capstone Project – AI-Powered Physics Learning Platform (Class 10)   • GitHub

- Built a personalized learning system for Class 10 Physics with adaptive quizzes and study plans.
- Auto-generated 1000+ Physics questions from NCERT using NLP, tested with 50+ students.
- Improved quiz scores by 25% and cut teacher evaluation time by 40%.

AI Symptom Checker | Python | Flask | Scikit-learn | NLP   • Link | GitHub

- Developed a disease prediction app, achieving 92% accuracy on benchmark data.
- Deployed the Flask app, tested successfully by 100+ users for real-time predictions.
- Designed a responsive UI that reduced average query time by 40%.

AI Resume Grader | Python | Flask | spaCy | PyPDF2   • Link | GitHub

- Developed an NLP-based resume analyzer used by 50+ peers for job prep.
- Reduced manual review time by 60%, providing instant feedback with 85% precision.
- Supported multiple file formats (PDF/DOCX) and generated downloadable reports.

Breast Cancer Prediction | Python | Flask | HTML/CSS   • Link | GitHub

- Trained on 569 tumor cases (Wisconsin dataset), achieving 95% accuracy with ROC-AUC ≈ 0.98.
- Deployed as a Flask web app with integrated ROC curve visualization.
- Reduced diagnostic analysis effort by 50% compared to manual methods.

WORK EXPERIENCE

AI Developer Intern – ElevateLab   • Link   Nov 2024 – Feb 2025

- Built and deployed end-to-end ML pipelines (NLP & CV), improving accuracy by 20% and inference speed by 30%.
- Integrated models into 2+ web apps, boosting user engagement by 40%.
- Automated data workflows and collaborated with teams, cutting deployment cycle time by 25%.

CERTIFICATION

xto10x Hackathon Edition #3 – Masai School   • Link

- Developed Financial Time Machine, a market forecasting tool using LSTM and Python.
- Simulated future investment trends with interactive charts.
- Recognized for innovation and data-driven decision-making.