

Shubham Kumar Shivam

[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

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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

Indian Institute of Technology (IIT), Ropar

Aug 2024 – Aug 2025 | Ropar, Punjab

Bachelor's in Physics

BNMU

Aug 2024 – Aug 2025 | Purnia, Bihar

SKILLS

- **Language :** Python, HTML, CSS, JavaScript
- **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

AI Symptom Checker | Python | Flask | Scikit-learn | NLP • [Link](#) | [GitHub](#)

- Developed a Flask-based web application that predicts diseases from user-input symptoms.
- Utilized classification models (Random Forest) for accurate diagnosis.
- Designed a responsive and user-friendly interface for real-time health predictions.

AI Resume Grader | Python | Flask | spaCy | PyPDF2 • [Link](#) | [GitHub](#)

- Built an AI-powered Flask app for resume analysis with NLP and role-specific feedback scoring.
- Supports PDF/DOCX uploads, strength/weakness detection, and downloadable PNG analysis.
- Features a modern glassmorphism UI with responsive design and real-time analysis.

Breast Cancer Prediction | Python | Flask | HTML/CSS • [Link](#) | [GitHub](#)

- Built a logistic regression model to classify tumors using the Breast Cancer Wisconsin dataset.
- Achieved ~95% accuracy with ROC-AUC \approx 0.98 and deployed the model using joblib.
- Created a Flask web app with a clean HTML/CSS UI and integrated ROC curve for visual interpretation.

WORK EXPERIENCE

AI Developer Intern – ElevateLab • [Link](#)

Nov 2024 – Feb 2025

- Collaborated with cross-functional teams to design and deploy AI solutions in NLP, computer vision, and structured data domains.
- Built end-to-end machine learning pipelines from data preprocessing to deployment, improving accuracy and inference speed.
- Integrated trained models into responsive web applications to enhance user engagement and accelerate decision-making.
- Conducted model validation, A/B testing, and fine-tuning, resulting in a 20% improvement in predictive performance.

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.