Priya Sah

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Education

St. Joseph's School, Shaktinagar, Sonbhadra, Uttar Pradesh, *Class 10* *2020*
- Percentage: 90%

St. Joseph's School, Kahalgaon, Bhagalpur, Bihar, *Class 12* *2022*
- Percentage: 88.6%

VIT Bhopal University, Bhopal, Bachelors in Technology in Computer Science and Engineering *2022 – 2026*
(Specialization in Artificial Intelligence and Machine Learning)
- CGPA: 8.68 / 10

Technical skills

Languages: C++, Python, Java, HTML, CSS
Relevant coursework: Machine Learning, SQL, Tableau, Microsoft Excel, Data Structures and Algorithms, Computer Networks, Data Science, DBMS, OOPs, Operating Systems, Computer Vision, Data Visualization
Frameworks: TensorFlow, Scikit-learn, OpenCV, Pandas, NumPy, Matplotlib, React, Bootstrap
Soft Skills: Strong problem-solving abilities, Effective communication, Collaboration in cross-functional teams, Adaptability, Analytical thinking, and Leadership skills

Work experience

InGrade *May 2025 – Ongoing*
Data Science Intern *Remote*
- Conducted research on climate modeling, fintech credit scoring, and disaster management systems, analyzing machine learning implementations at Google and Palantir through comprehensive business case studies.
- Developed time-series forecasting models using ARIMA, LSTM, and Prophet algorithms; created interactive dashboards in Excel/Tableau; performed EDA on healthcare datasets.
- Implemented NLP sentiment analysis using BERT and TF-IDF; built Graph Neural Networks for social network analysis; authored technical tool comparison guides.

Projects

QuickInvoice | HTML, CSS, React JS, Tailwind CSS | LINK
- Developed a dynamic web application for generating and managing professional invoices using React JS and Tailwind CSS for responsive design.
- Integrated client input forms, itemized billing, and PDF export functionality with React state management for a seamless user experience.
- Deployed on Netlify, ensuring cross-browser compatibility and optimized performance for efficient invoice creation.

Breast Cancer Classification | Python, TensorFlow, Keras, OpenCV | LINK
- Developed a deep learning model using CNN with TensorFlow and Keras to classify anterior breast images into benign and malignant tumors.
- Trained on an 80:20 dataset split, optimizing model performance through iterative tuning.
- Achieved 80% accuracy in classifying tumors, leveraging convolutional layers for feature extraction.

Achievements & Certifications

- **Achievements:** Semi-finalist at *TELEPORT 2.0* – Tata Elxsi (2024); Semi-finalist at *Arthneeti 4.0* – IIM Nagpur. (2024) Finalist at *Startup-Showdown* – IIIT Naya Raipur (2025); Finalist at *KRIYETA 4.0* – Acropolis Institute of Technology and Research, *Indore* (2025).
- **Certifications:** *Privacy and Security in Online Social Media* – NPTEL; *Introduction to Front-End Development* – Meta; *Computer Vision* – Vityarthi. *Generative AI with Large Language Models* – AWS, DeepLearning.AI; *GEN AI Using IBM Watsonx* – IBM; *Full Stack Developer (MERN)* – MongoDB.

Extra Curricular Activities

- **President** Health-O-Tech club at *VIT Bhopal University*, *(2024)*
- **Model United Nations Delegate** *United Nations Development Program*, *(2016)*
- **Junior Diploma in Fine Arts** - Srishti School of Fine arts, *West Bengal, 2018*,